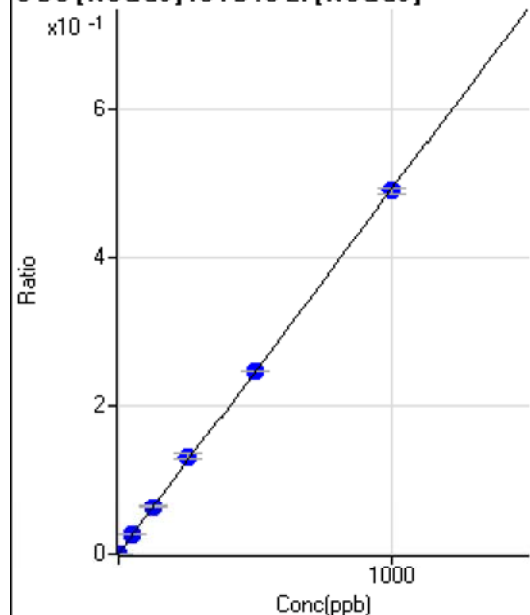


Batch Folder: D:\P8071718MS.b\
Analysis File: P8071718MS.batch.bin
DA Date-Time: 2018-07-17 14:48:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-17 13:24:06
2			
3	005CAL.S.d	S02	2018-07-17 13:31:40
4	006CAL.S.d	S03	2018-07-17 13:35:21
5	007CAL.S.d	S04	2018-07-17 13:39:03
6	008CAL.S.d	S05	2018-07-17 13:42:39
7	009CAL.S.d	S06	2018-07-17 13:46:09
8	010CAL.S.d	S07	2018-07-17 13:49:35
9	011CAL.S.d	S08	2018-07-17 13:52:58

9 Be [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0001	P	12.1
2	☐	0.100					
3	☐	1.000	0.919	1131.56	0.0005	P	11.1
4	☐	50.000	51.855	52722.78	0.0255	P	0.4
5	☐	125.000	129.054	131419.82	0.0635	P	1.0
6	☐	250.000	264.957	260401.85	0.1304	P	6.8
7	☐	500.000	499.507	507377.34	0.2457	P	0.2
8	☐	1000.000	995.918	988277.68	0.4898	P	1.3
9	☐			474.10	0.0002	P	24.3

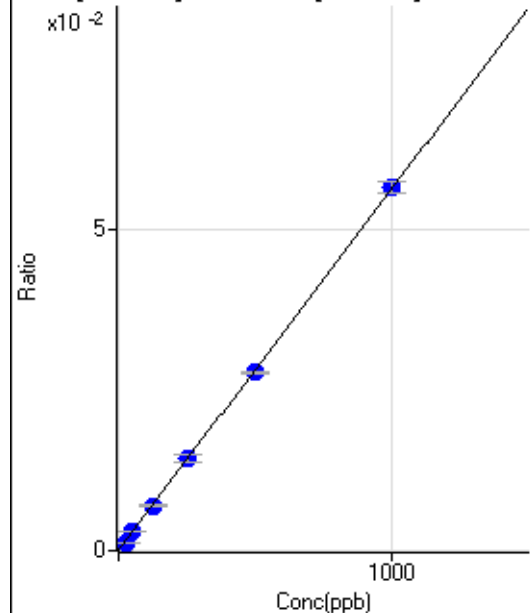
$$y = 4.9171\text{E-}004 * x + 8.1395\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.06028$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.23	0.0001	P	8.9
2	☐	2.500					
3	☐	25.000	21.129	2669.82	0.0013	P	10.2
4	☐	50.000	51.149	6095.98	0.0029	P	6.7
5	☐	125.000	122.536	14396.63	0.0070	P	2.4
6	☐	250.000	254.923	28763.17	0.0144	P	8.0
7	☐	500.000	491.349	57209.49	0.0277	P	1.1
8	☐	1000.000	1003.442	113997.76	0.0565	P	3.1
9	☐			5987.62	0.0029	P	10.1

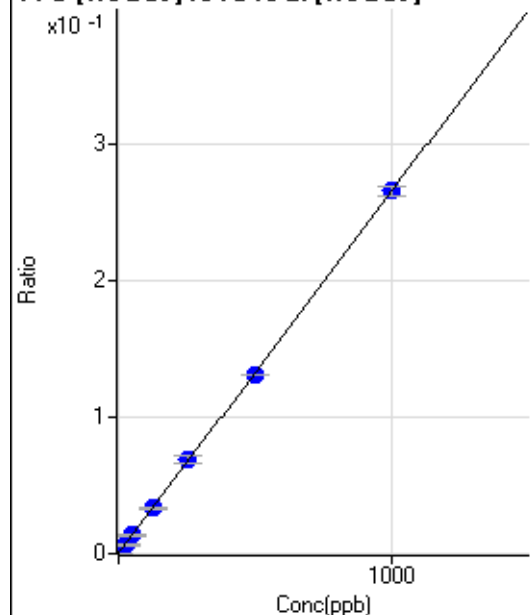
$$y = 5.6237\text{E-}005 * x + 6.9627\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.3309$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.92	0.0002	P	4.8
2	☐	2.500					
3	☐	25.000	23.411	13676.53	0.0064	P	7.6
4	☐	50.000	50.499	28164.80	0.0136	P	4.2
5	☐	125.000	124.106	68458.48	0.0331	P	2.8
6	☐	250.000	257.054	136322.66	0.0683	P	8.4
7	☐	500.000	493.541	270319.66	0.1309	P	0.8
8	☐	1000.000	1001.592	535464.15	0.2654	P	2.9
9	☐			27853.08	0.0134	P	9.3

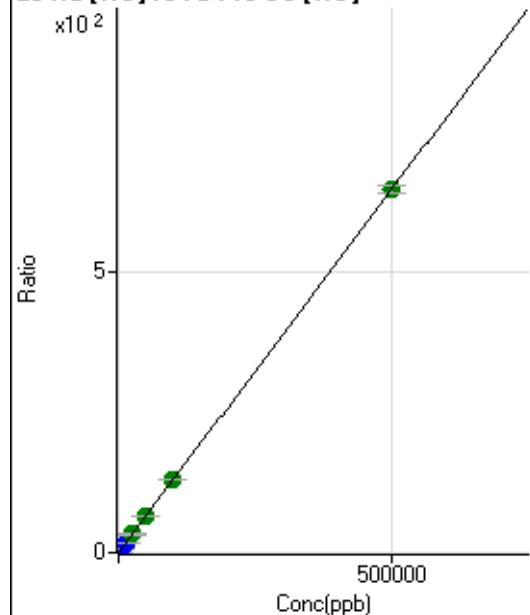
$$y = 2.6473\text{E-}004 * x + 2.4264\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1307$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3478.36	0.0704	P	4.1
2	☐	50.000					
3	☐	500.000	478.432	33443.21	0.6868	P	1.5
4	☐	5000.000	5050.006	307003.65	6.5768	P	0.3
5	☐	12500.000	12842.162	763618.59	16.6161	P	2.0
6	☐	25000.000	25244.433	1520959.70	32.5951	A	1.5
7	☐	50000.000	49903.267	2960032.21	64.3653	A	0.9
8	☐	100000.00	100811.73	5798714.54	129.9552	A	1.5
9	☐	500000.00	499826.07	31921401.75	644.0408	A	2.3

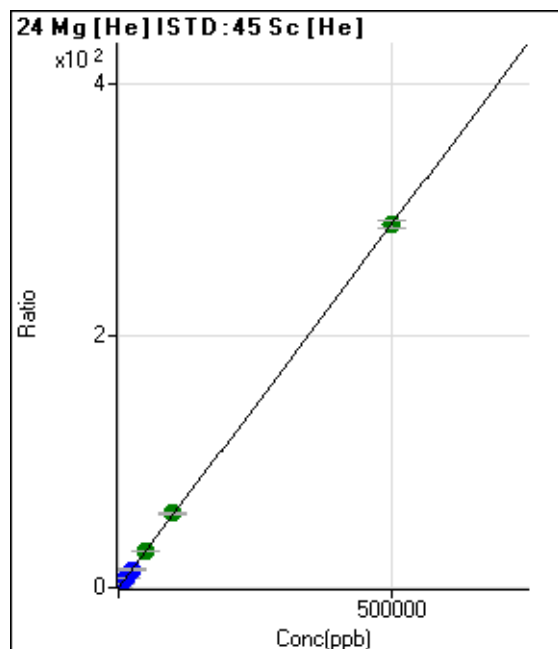
$$y = 0.0013 * x + 0.0704$$

$$R = 1.0000$$

$$DL = 6.712$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0035	P	16.9
2	☐	50.000					
3	☐	500.000	456.464	12981.52	0.2666	P	3.6
4	☐	5000.000	5115.519	137792.17	2.9521	P	1.2
5	☐	12500.000	12949.538	343173.63	7.4675	P	2.2
6	☐	25000.000	25037.807	673507.53	14.4349	P	2.2
7	☐	50000.000	50892.070	1349182.54	29.3369	A	0.7
8	☐	100000.00	102125.01	2626634.98	58.8668	A	1.7
9	☐	500000.00	499471.55	14269429.84	287.8911	A	2.2

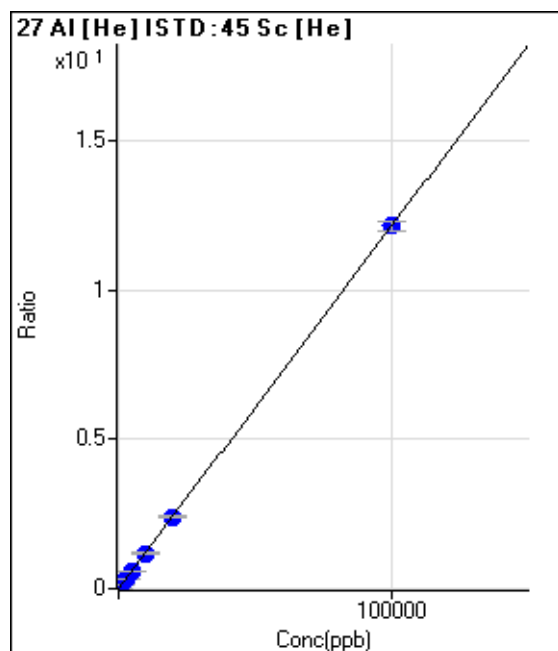
$$y = 5.7638\text{E-}004 * x + 0.0035$$

$$R = 1.0000$$

$$DL = 3.119$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0003	P	0.4
2	☐	2.000					
3	☐	20.000	20.695	138.90	0.0029	P	29.7
4	☐	1000.000	990.137	5634.69	0.1207	P	1.4
5	☐	2500.000	2521.134	14104.70	0.3068	P	2.1
6	☐	5000.000	4901.578	27822.59	0.5962	P	0.4
7	☐	10000.000	9746.623	54502.85	1.1852	P	1.5
8	☐	20000.000	19840.861	107641.79	2.4123	P	1.0
9	☐	100000.00	100061.65	602899.26	12.1642	P	2.4

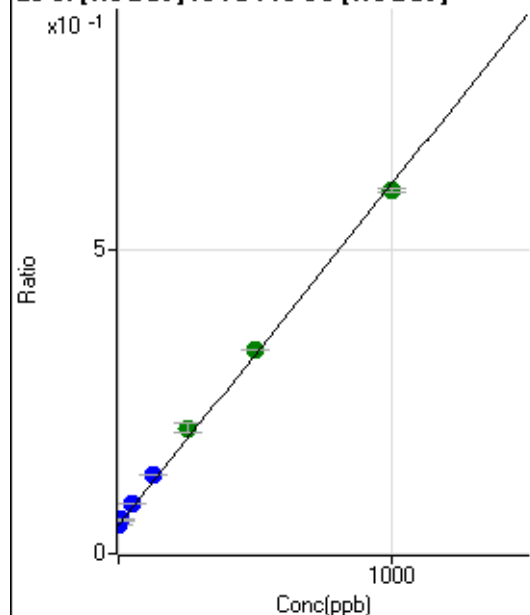
$$y = 1.2156\text{E-}004 * x + 3.3760\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.03233$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	262335.64	0.0472	P	4.2
2	☐	1.000					
3	☐	10.000	15.870	311468.52	0.0561	P	4.6
4	☐	50.000	63.270	446966.19	0.0827	P	0.8
5	☐	125.000	147.962	701267.81	0.1303	P	0.9
6	☐	250.000	284.301	1084325.14	0.2069	A	7.7
7	☐	500.000	515.539	1812850.04	0.3368	A	0.4
8	☐	1000.000	980.063	3181354.41	0.5978	A	1.2
9	☐			526820.79	0.0943	P	1.9

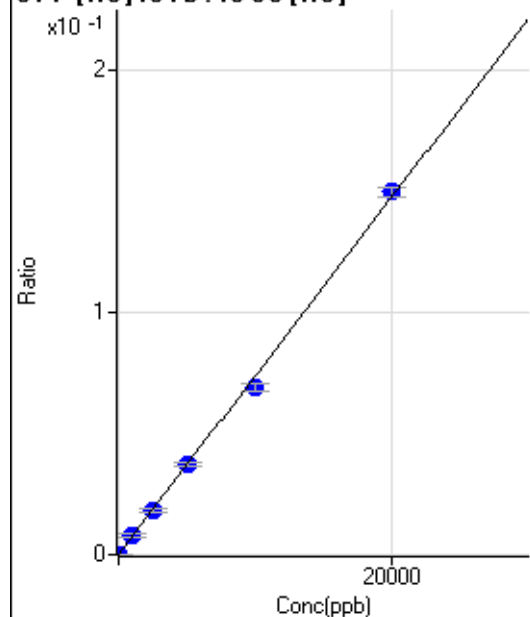
$$y = 5.6182\text{E-}004 * x + 0.0472$$

$$R = 0.9991$$

$$DL = 10.68$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	3.718	8.33	0.0002	P	0.4
2	☐	0.000					
3	☐	0.000	-3.718	5.56	0.0001	P	173.
4	☐	1000.000	1055.202	369.47	0.0079	P	13.8
5	☐	2500.000	2434.458	830.62	0.0181	P	7.9
6	☐	5000.000	5018.854	1733.52	0.0371	P	4.4
7	☐	10000.000	9372.821	3183.84	0.0692	P	4.1
8	☐	20000.000	20314.309	6690.76	0.1499	P	2.7
9	☐			8.33	0.0002	P	99.5

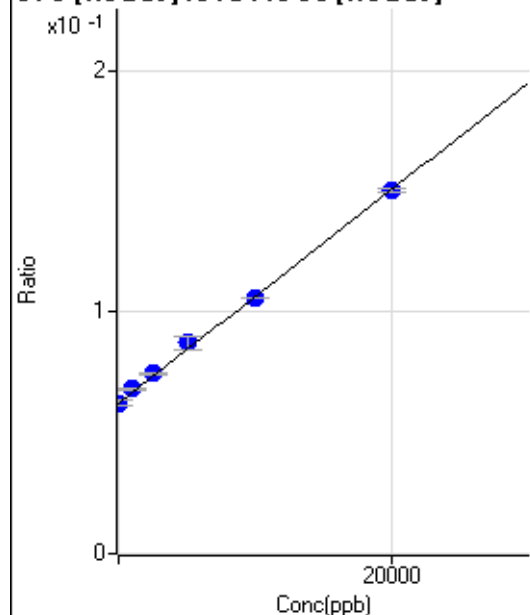
$$y = 7.3720\text{E-}006 * x + 1.4129\text{E-}004$$

$$R = 0.9993$$

$$DL = 40.27$$

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-20.762	345828.26	0.0622	P	4.0
2	☐	0.000					
3	☐	0.000	20.762	346326.26	0.0624	P	4.8
4	☐	1000.000	1319.593	368050.83	0.0681	P	1.2
5	☐	2500.000	2801.230	401862.16	0.0747	P	1.1
6	☐	5000.000	5619.675	456979.82	0.0871	P	5.7
7	☐	10000.000	9852.517	569652.43	0.1058	P	0.4
8	☐	20000.000	19865.189	798749.66	0.1501	P	0.9
9	☐			331350.16	0.0593	P	1.1

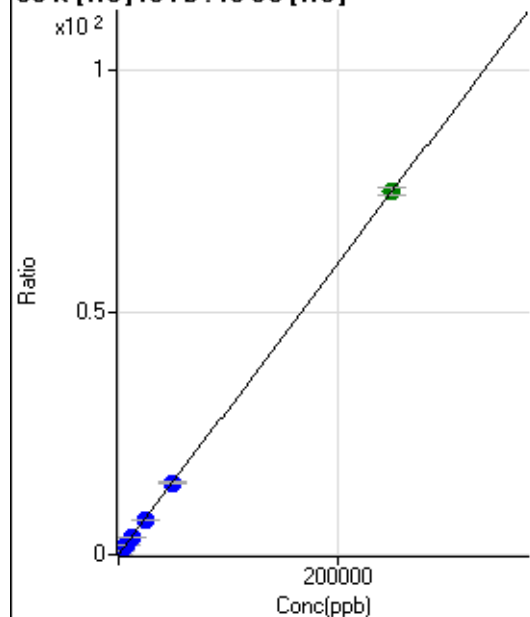
$$y = 4.4193\text{E-}006 * x + 0.0623$$

$$R = 0.9994$$

$$DL = 1866$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2175.27	0.0440	P	6.3
2	☐	50.000					
3	☐	500.000	465.483	8917.11	0.1832	P	3.1
4	☐	2500.000	2497.787	36904.88	0.7905	P	1.9
5	☐	6250.000	6287.416	88377.15	1.9231	P	2.2
6	☐	12500.000	12136.705	171310.95	3.6712	P	1.2
7	☐	25000.000	24157.952	334069.34	7.2639	P	0.4
8	☐	50000.000	49247.842	658703.02	14.7623	P	1.6
9	☐	250000.00	250251.95	3709241.84	74.8347	A	2.1

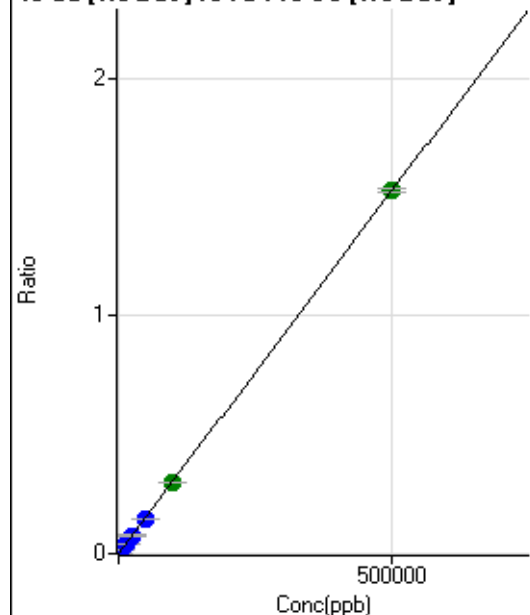
$$y = 2.9886\text{E-}004 * x + 0.0440$$

$$R = 1.0000$$

$$DL = 27.91$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	530.60	0.0001	P	11.6
2	☐	50.000					
3	☐	500.000	464.241	8383.49	0.0015	P	6.9
4	☐	5000.000	4892.993	81120.56	0.0150	P	0.8
5	☐	12500.000	12303.594	202418.28	0.0376	P	0.6
6	☐	25000.000	25153.837	402705.84	0.0768	P	6.1
7	☐	50000.000	48444.211	795589.86	0.1478	P	0.4
8	☐	100000.00	98843.369	1604613.03	0.3015	A	1.1
9	☐	500000.00	500385.22	8522313.30	1.5260	A	1.0

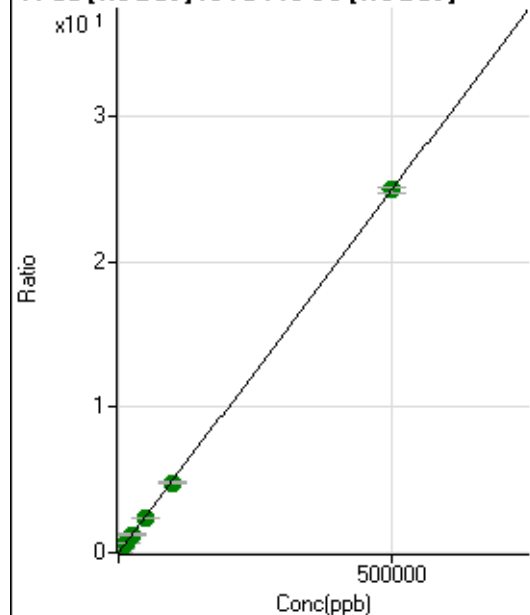
$$y = 3.0495\text{E-}006 * x + 9.5458\text{E-}005$$

$$R = 1.0000$$

$$DL = 10.92$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13309.73	0.0024	P	7.8
2	☐	50.000					
3	☐	500.000	461.657	140895.32	0.0254	P	3.9
4	☐	5000.000	4922.745	1336609.53	0.2474	A	1.5
5	☐	12500.000	12362.321	3324285.45	0.6178	A	0.6
6	☐	25000.000	25018.494	6541227.66	1.2477	A	6.6
7	☐	50000.000	48315.334	12956608.54	2.4074	A	0.3
8	☐	100000.00	96645.055	25612789.98	4.8131	A	1.4
9	☐	500000.00	500842.78	139239143.3	24.9328	A	1.5

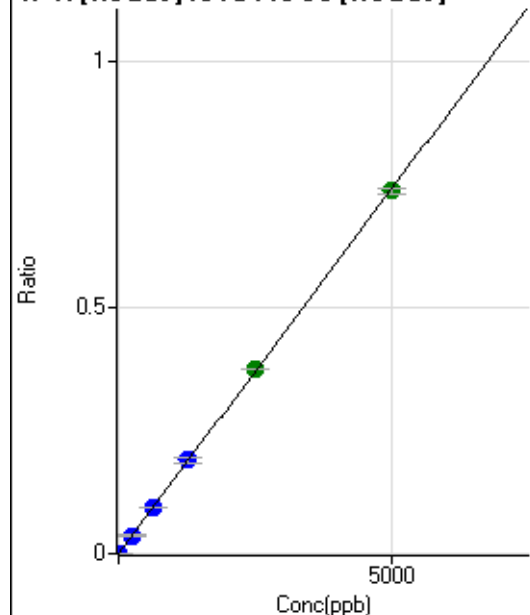
$$y = 4.9777\text{E-}005 * x + 0.0024$$

$$R = 1.0000$$

$$DL = 11.28$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD: 45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	17.0
2	☐	0.500					
3	☐	5.000	4.668	3928.52	0.0007	P	5.2
4	☐	250.000	249.337	199554.68	0.0369	P	1.4
5	☐	625.000	628.356	500855.54	0.0931	P	0.5
6	☐	1250.000	1283.488	996810.95	0.1901	P	6.1
7	☐	2500.000	2532.477	2018712.28	0.3751	A	0.5
8	☐	5000.000	4975.003	3920945.27	0.7368	A	1.8
9	☐			2311.42	0.0004	P	10.9

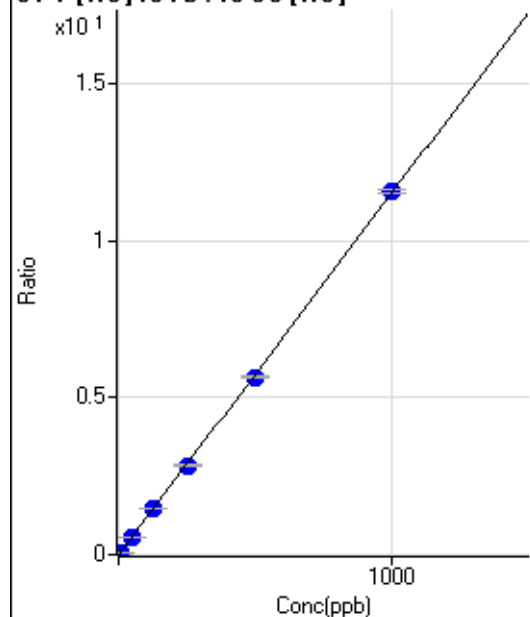
$$y = 1.4810E-004 * x + 1.4509E-005$$

$$R = 0.9999$$

$$DL = 0.05006$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD: 45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0008	P	13.9
2	☐	0.500					
3	☐	5.000	4.687	2660.31	0.0546	P	3.6
4	☐	50.000	49.965	26848.13	0.5751	P	2.1
5	☐	125.000	126.706	66973.62	1.4572	P	1.5
6	☐	250.000	247.230	132639.35	2.8427	P	1.7
7	☐	500.000	492.008	260136.21	5.6563	P	0.7
8	☐	1000.000	1004.479	515264.16	11.5472	P	1.0
9	☐			246.67	0.0050	P	11.0

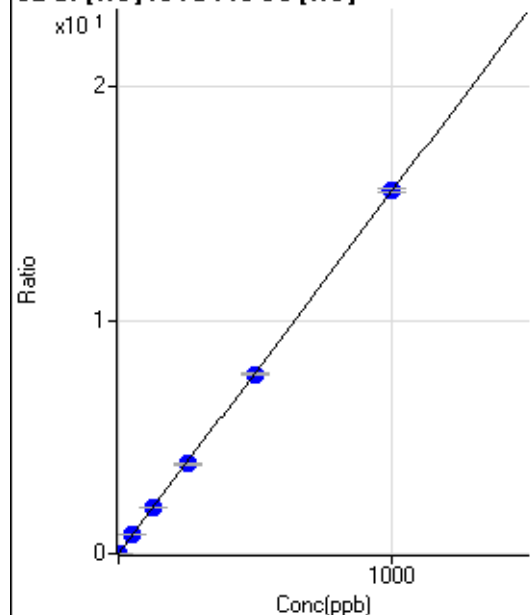
$$y = 0.0115 * x + 7.6531E-004$$

$$R = 0.9999$$

$$DL = 0.02772$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	502.24	0.0102	P	3.6
2	☐	0.200					
3	☐	2.000	1.947	1963.50	0.0403	P	1.2
4	☐	50.000	50.862	37249.65	0.7980	P	1.0
5	☐	125.000	127.712	91369.85	1.9883	P	2.5
6	☐	250.000	248.268	179906.02	3.8556	P	1.7
7	☐	500.000	495.122	353152.13	7.6792	P	0.7
8	☐	1000.000	1002.490	693343.65	15.5379	P	1.0
9	☐			29534.73	0.5960	P	3.4

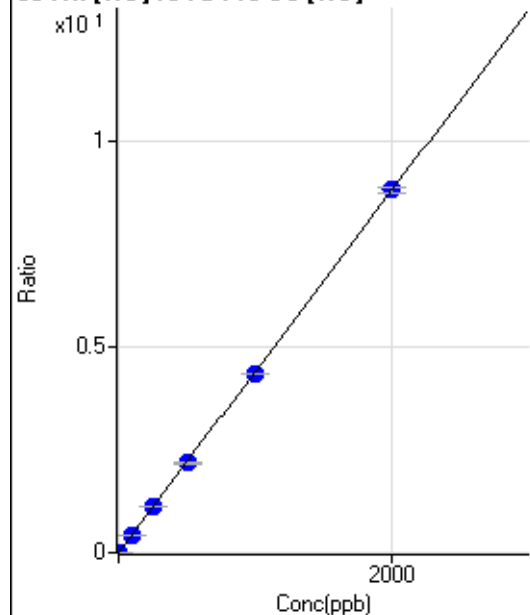
$$y = 0.0155 * x + 0.0102$$

$$R = 1.0000$$

$$DL = 0.0706$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.56	0.0009	P	22.7
2	☐	0.100					
3	☐	1.000	0.954	248.89	0.0051	P	6.0
4	☐	100.000	100.106	20548.66	0.4402	P	1.2
5	☐	250.000	254.011	51262.67	1.1156	P	3.1
6	☐	500.000	496.685	101748.12	2.1806	P	1.6
7	☐	1000.000	988.507	199544.54	4.3389	P	0.1
8	☐	2000.000	2006.069	392865.24	8.8044	P	1.4
9	☐			1989.07	0.0401	P	0.9

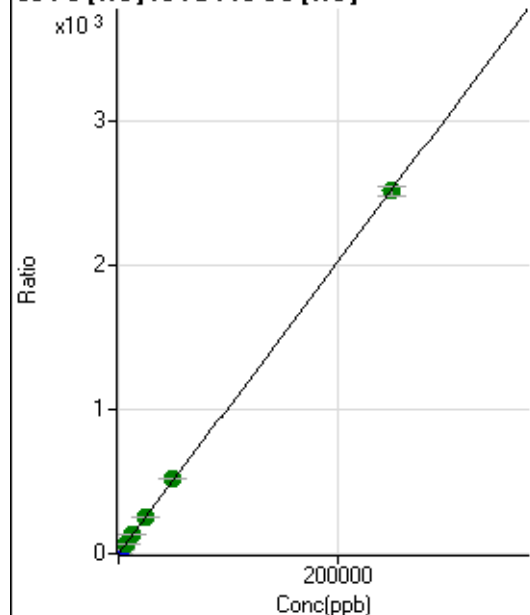
$$y = 0.0044 * x + 9.2304E-004$$

$$R = 1.0000$$

$$DL = 0.1433$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1061.18	0.0215	P	11.2
2	☐	5.000					
3	☐	50.000	50.936	26084.15	0.5357	P	1.0
4	☐	2500.000	2635.123	1242847.52	26.6257	P	0.5
5	☐	6250.000	6726.482	3121814.60	67.9320	A	2.2
6	☐	12500.000	12880.767	6069272.65	130.0656	A	1.2
7	☐	25000.000	25637.854	11904732.67	258.8610	A	0.4
8	☐	50000.000	51901.450	23382590.80	524.0181	A	1.3
9	☐	250000.00	249523.62	124854515.7	2519.209	A	2.7

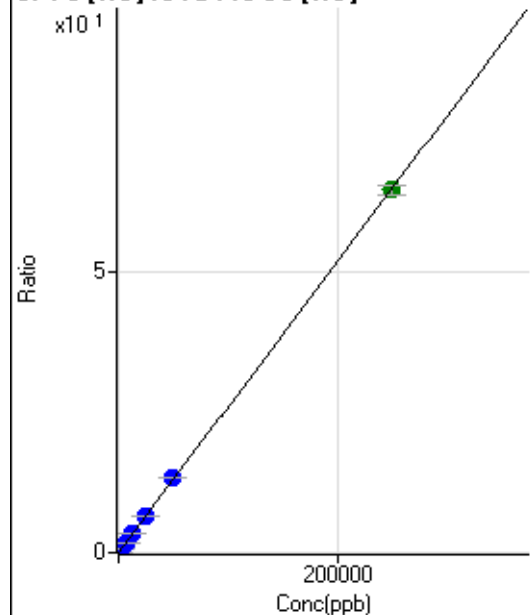
$$y = 0.0101 * x + 0.0215$$

$$R = 1.0000$$

$$DL = 0.7125$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0008	P	38.0
2	☐	5.000					
3	☐	50.000	49.036	655.59	0.0135	P	13.1
4	☐	2500.000	2595.485	31372.83	0.6721	P	0.4
5	☐	6250.000	6467.616	76909.46	1.6736	P	2.3
6	☐	12500.000	12684.290	153121.61	3.2815	P	1.6
7	☐	25000.000	25373.627	301858.12	6.5636	P	0.1
8	☐	50000.000	51423.311	593515.74	13.3013	P	1.5
9	☐	250000.00	249662.36	3200543.73	64.5751	A	2.4

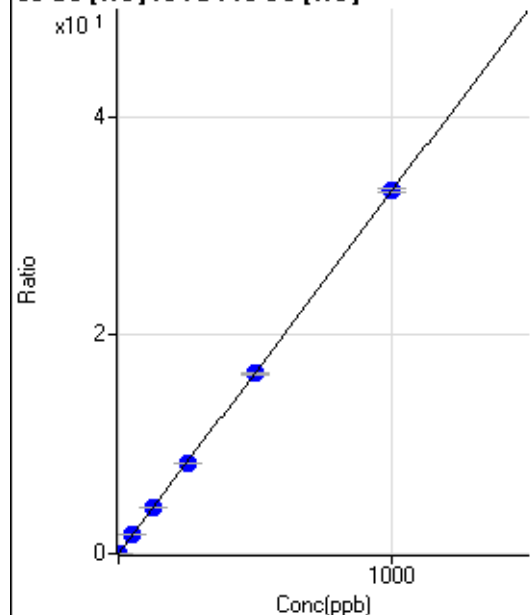
$$y = 2.5865E-004 * x + 7.8792E-004$$

$$R = 1.0000$$

$$DL = 3.47$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD: 45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	228.90	0.0046	P	10.8
2	☐	0.100					
3	☐	1.000	0.915	1702.36	0.0350	P	2.3
4	☐	50.000	50.754	78763.15	1.6873	P	0.1
5	☐	125.000	128.383	195827.37	4.2610	P	1.6
6	☐	250.000	249.081	385541.52	8.2625	P	1.5
7	☐	500.000	496.343	756988.67	16.4602	P	0.3
8	☐	1000.000	1001.598	1481954.20	33.2111	P	1.1
9	☐			19405.95	0.3916	P	3.0

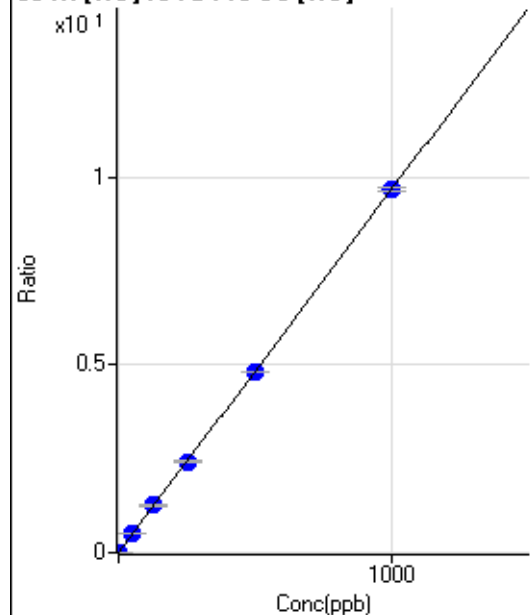
$$y = 0.0332 * x + 0.0046$$

$$R = 1.0000$$

$$DL = 0.0454$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD: 45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	174.45	0.0035	P	21.8
2	☐	0.100					
3	☐	1.000	0.916	603.36	0.0124	P	3.1
4	☐	50.000	51.927	23610.17	0.5058	P	0.5
5	☐	125.000	129.807	57869.74	1.2591	P	1.8
6	☐	250.000	251.169	113531.18	2.4330	P	1.3
7	☐	500.000	499.412	222324.13	4.8342	P	0.1
8	☐	1000.000	999.305	431474.61	9.6695	P	1.2
9	☐			15012.76	0.3031	P	5.1

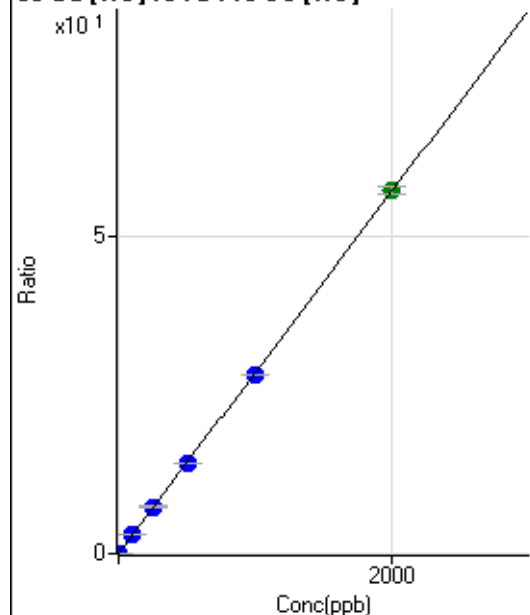
$$y = 0.0097 * x + 0.0035$$

$$R = 1.0000$$

$$DL = 0.2393$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.80	0.0127	P	3.9
2	☐	0.200					
3	☐	2.000	1.966	3343.79	0.0687	P	1.5
4	☐	100.000	102.716	137068.69	2.9365	P	0.6
5	☐	250.000	257.678	337643.07	7.3474	P	2.3
6	☐	500.000	497.200	660982.98	14.1652	P	1.3
7	☐	1000.000	988.714	1294874.46	28.1559	P	0.1
8	☐	2000.000	2005.248	2547366.51	57.0909	A	2.1
9	☐			5317.78	0.1073	P	2.5

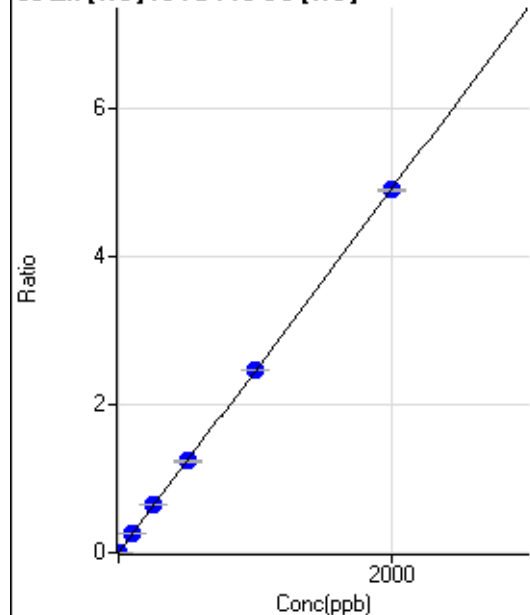
$$y = 0.0285 * x + 0.0127$$

$$R = 1.0000$$

$$DL = 0.0524$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0012	P	20.3
2	☐	0.200					
3	☐	2.000	2.075	304.45	0.0063	P	8.2
4	☐	100.000	104.555	12016.48	0.2574	P	0.9
5	☐	250.000	263.431	29723.19	0.6468	P	2.2
6	☐	500.000	502.295	57497.59	1.2322	P	1.3
7	☐	1000.000	1002.839	113082.76	2.4589	P	0.4
8	☐	2000.000	1996.100	218350.97	4.8932	P	0.9
9	☐			2060.19	0.0416	P	3.7

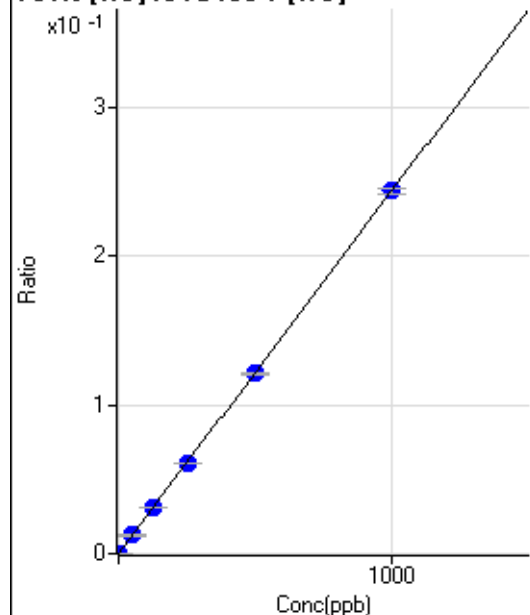
$$y = 0.0025 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.2907$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.20	0.0000	P	80.2
2	☐	0.100					
3	☐	1.000	0.772	78.39	0.0002	P	7.5
4	☐	50.000	50.353	4026.55	0.0123	P	1.4
5	☐	125.000	127.212	9999.37	0.0310	P	1.2
6	☐	250.000	249.790	19970.67	0.0609	P	0.4
7	☐	500.000	497.578	39030.88	0.1212	P	0.8
8	☐	1000.000	1000.969	76897.44	0.2439	P	1.3
9	☐			141.98	0.0004	P	23.0

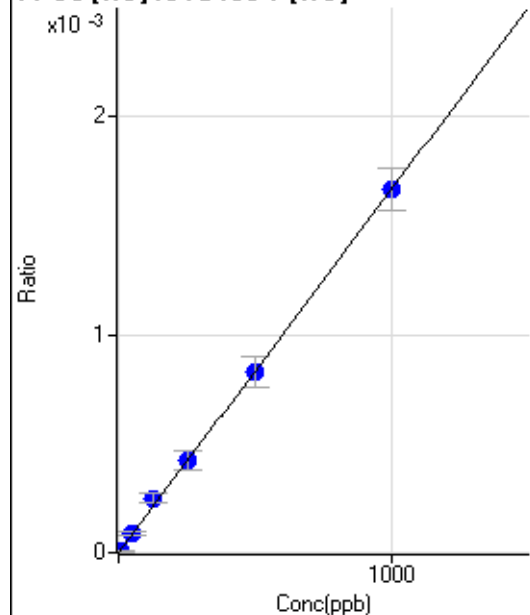
$$y = 2.4358\text{E-}004 * x + 4.1543\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.4103$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.887	2.22	0.0000	P	173.
4	☐	50.000	53.009	28.89	0.0001	P	26.8
5	☐	125.000	149.198	80.00	0.0002	P	16.4
6	☐	250.000	252.687	137.78	0.0004	P	20.2
7	☐	500.000	495.429	265.56	0.0008	P	17.0
8	☐	1000.000	998.444	524.47	0.0017	P	11.6
9	☐			3.33	0.0000	P	173.

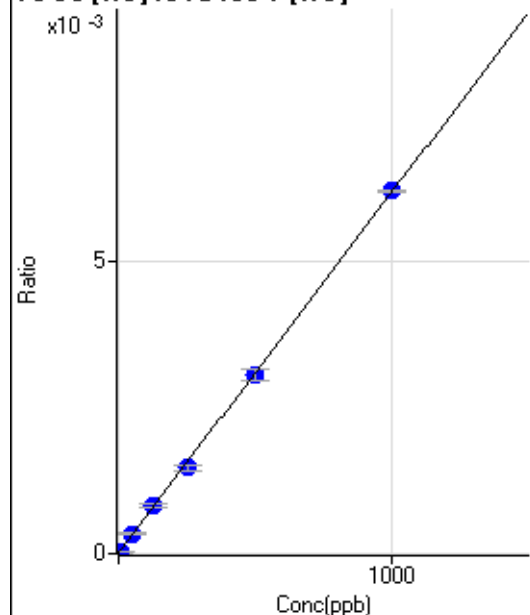
$$y = 1.6662\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.47	0.0000	P	113.
2	☐	0.500					
3	☐	5.000	5.296	13.58	0.0000	P	15.8
4	☐	50.000	53.116	109.26	0.0003	P	11.2
5	☐	125.000	132.023	264.20	0.0008	P	9.0
6	☐	250.000	236.601	479.64	0.0015	P	7.2
7	☐	500.000	494.573	982.14	0.0031	P	6.1
8	☐	1000.000	1005.028	1953.25	0.0062	P	0.8
9	☐			4.32	0.0000	P	88.5

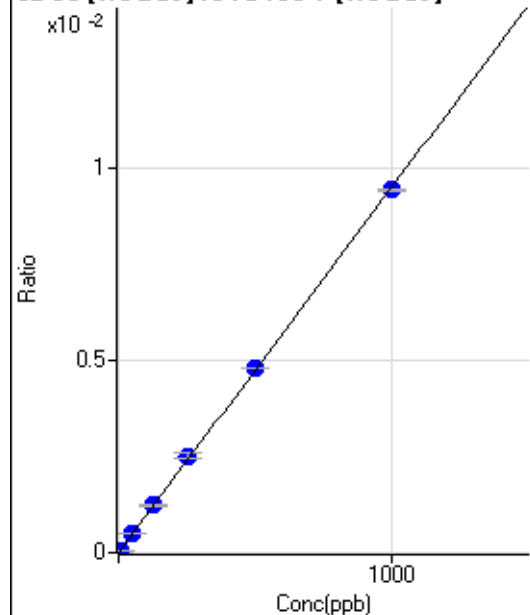
$$y = 6.1550E-006 * x + 7.1613E-006$$

$$R = 0.9998$$

$$DL = 3.975$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.78	0.0000	P	225.
2	☐	0.500					
3	☐	5.000	4.801	460.80	0.0000	P	17.2
4	☐	50.000	51.778	4659.33	0.0005	P	1.8
5	☐	125.000	129.099	11602.67	0.0012	P	0.9
6	☐	250.000	265.497	23256.13	0.0025	P	6.0
7	☐	500.000	503.324	45530.93	0.0048	P	0.0
8	☐	1000.000	993.863	89032.86	0.0094	P	0.5
9	☐			45.88	0.0000	P	88.3

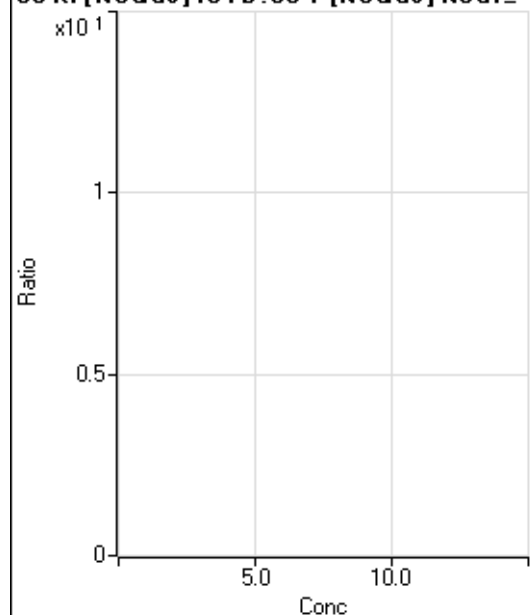
$$y = 9.4753E-006 * x + 2.2489E-006$$

$$R = 0.9999$$

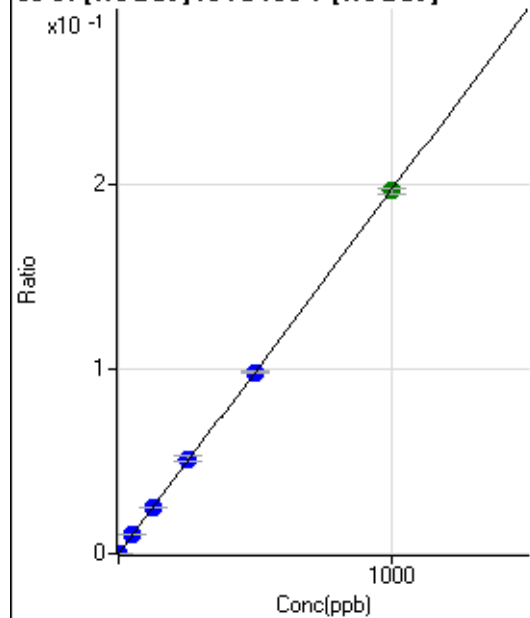
$$DL = 1.603$$

Weight: <None>

Min Conc: 0

83 Kr [NoGas] ISTD:89 Y [NoGas] No av.

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			261.12	0.0000	P	11.0
2	☐						
3	☐			298.90	0.0000	P	10.9
4	☐			266.68	0.0000	P	26.0
5	☐			303.34	0.0000	P	9.8
6	☐			280.01	0.0000	P	14.3
7	☐			274.45	0.0000	P	11.0
8	☐			297.78	0.0000	P	8.7
9	☐			305.57	0.0000	P	10.5

86 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	461.14	0.0000	P	11.3
2	☐	0.100					
3	☐	1.000	0.989	2344.76	0.0002	P	2.8
4	☐	50.000	50.918	95105.43	0.0101	P	1.5
5	☐	125.000	125.916	234878.60	0.0248	P	0.2
6	☐	250.000	260.710	473734.59	0.0513	P	7.2
7	☐	500.000	498.591	936010.29	0.0981	P	0.9
8	☐	1000.000	997.867	1855125.78	0.1963	A	1.3
9	☐			9125.71	0.0009	P	6.0

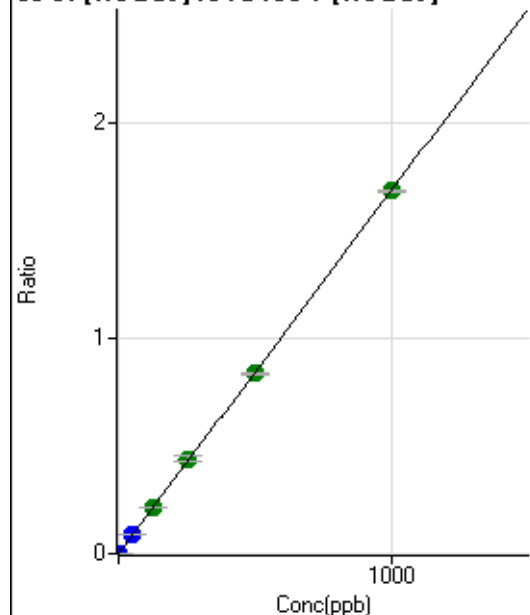
$$y = 1.9664\text{E-}004 * x + 4.7284\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.08159$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.00	0.0000	P	10.0
2	☐	0.100					
3	☐	1.000	0.997	16410.57	0.0017	P	7.1
4	☐	50.000	51.019	814610.93	0.0862	P	1.0
5	☐	125.000	128.714	2057933.96	0.2174	A	1.1
6	☐	250.000	261.720	4080564.02	0.4420	A	7.0
7	☐	500.000	496.233	7995842.80	0.8380	A	1.5
8	☐	1000.000	998.438	15936216.50	1.6860	A	0.5
9	☐			74953.01	0.0077	P	1.5

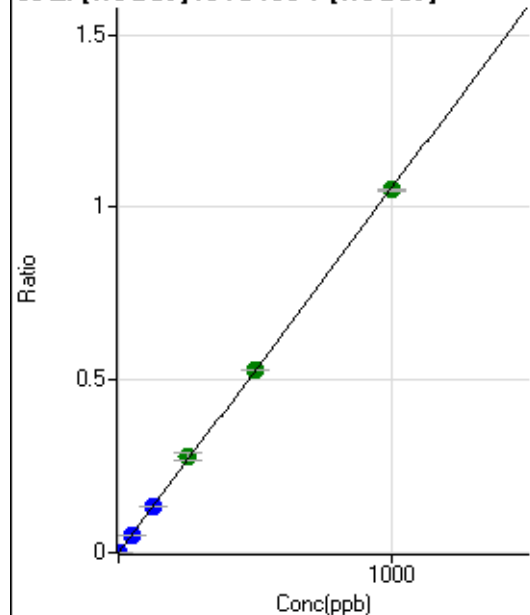
$$y = 0.0017 * x + 1.2842E-005$$

$$R = 0.9999$$

$$DL = 0.002289$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	655.61	0.0001	P	12.2
2	☐	0.100					
3	☐	1.000	0.895	9792.82	0.0010	P	7.5
4	☐	50.000	49.604	495583.37	0.0524	P	0.6
5	☐	125.000	127.969	1279345.70	0.1351	P	0.9
6	☐	250.000	264.341	2576649.34	0.2791	A	6.7
7	☐	500.000	501.074	5046982.45	0.5289	A	0.9
8	☐	1000.000	995.527	9931612.11	1.0507	A	0.7
9	☐			3008.78	0.0003	P	4.7

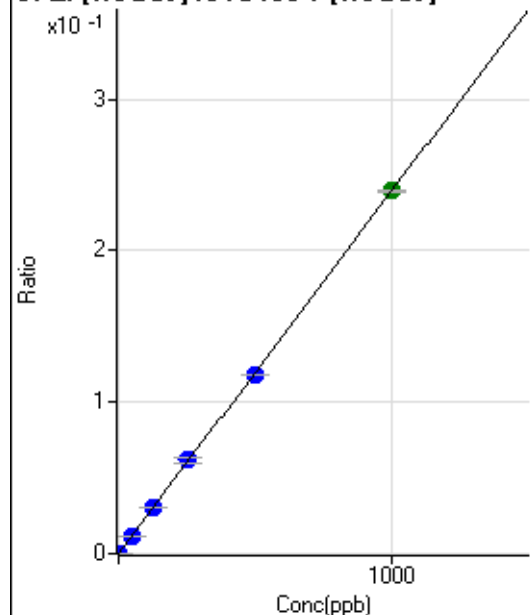
$$y = 0.0011 * x + 6.7594E-005$$

$$R = 0.9999$$

$$DL = 0.0234$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.56	0.0000	P	46.5
2	☐	0.100					
3	☐	1.000	0.848	2094.71	0.0002	P	4.1
4	☐	50.000	48.978	110938.13	0.0117	P	0.3
5	☐	125.000	126.176	285997.67	0.0302	P	1.0
6	☐	250.000	257.435	569144.23	0.0616	P	5.9
7	☐	500.000	494.293	1128863.90	0.1183	P	0.3
8	☐	1000.000	1000.899	2264063.57	0.2395	A	0.7
9	☐			613.93	0.0001	P	19.1

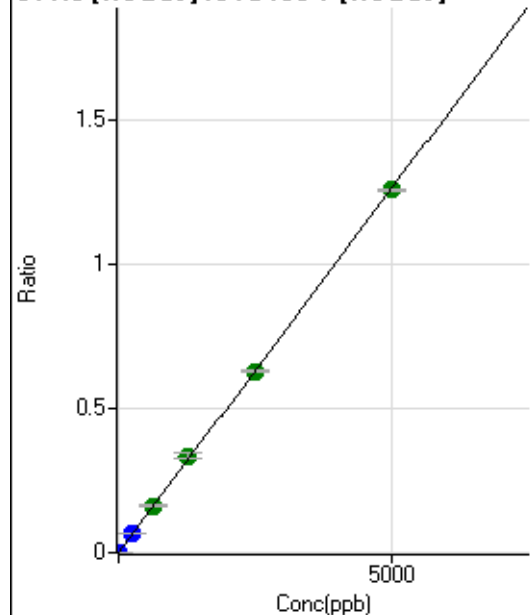
$$y = 2.3930E-004 * x + 1.3574E-005$$

$$R = 0.9999$$

$$DL = 0.07917$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	366.69	0.0000	P	4.5
2	☐	0.500					
3	☐	5.000	4.779	12047.52	0.0012	P	2.2
4	☐	250.000	253.662	605697.60	0.0641	P	1.1
5	☐	625.000	646.213	1544715.64	0.1632	A	1.1
6	☐	1250.000	1323.713	3086544.56	0.3342	A	6.0
7	☐	2500.000	2493.670	6006898.44	0.6295	A	0.7
8	☐	5000.000	4981.902	11886724.75	1.2576	A	0.9
9	☐			17214.48	0.0018	P	3.5

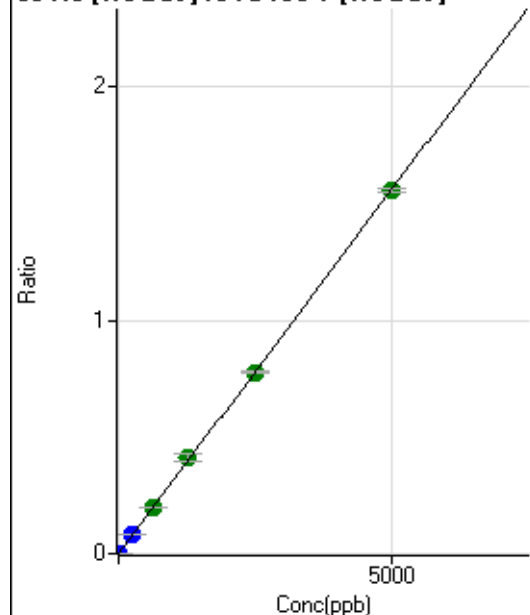
$$y = 2.5242E-004 * x + 3.7727E-005$$

$$R = 0.9999$$

$$DL = 0.02$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.13	0.0000	P	36.8
2	☐	0.500					
3	☐	5.000	4.885	15011.61	0.0016	P	5.4
4	☐	250.000	253.560	748369.79	0.0792	P	1.1
5	☐	625.000	637.234	1883080.84	0.1989	A	1.4
6	☐	1250.000	1316.461	3793515.71	0.4109	A	6.9
7	☐	2500.000	2493.367	7425556.94	0.7782	A	0.6
8	☐	5000.000	4984.994	14705074.11	1.5558	A	1.0
9	☐			28233.23	0.0029	P	4.1

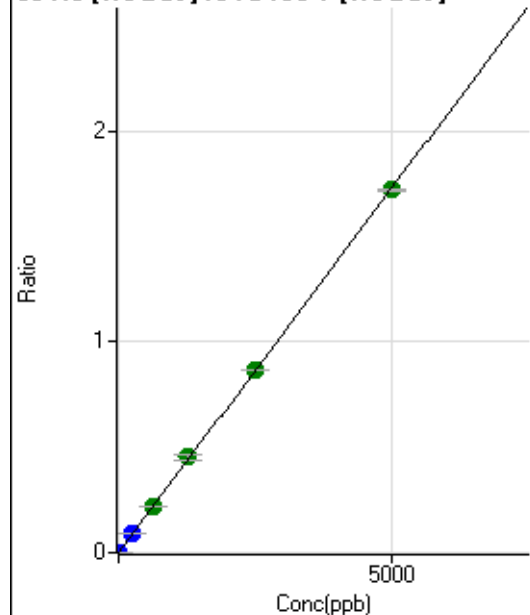
$$y = 3.1209\text{E-}004 * x + 2.7090\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.09594$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	488.92	0.0001	P	18.9
2	☐	0.500					
3	☐	5.000	4.665	16113.06	0.0017	P	3.4
4	☐	250.000	254.520	832901.00	0.0881	P	0.9
5	☐	625.000	641.155	2100479.17	0.2219	A	0.6
6	☐	1250.000	1314.286	4198628.48	0.4547	A	6.8
7	☐	2500.000	2503.862	8265956.52	0.8662	A	0.7
8	☐	5000.000	4979.753	16283686.48	1.7228	A	0.6
9	☐			31598.84	0.0032	P	5.4

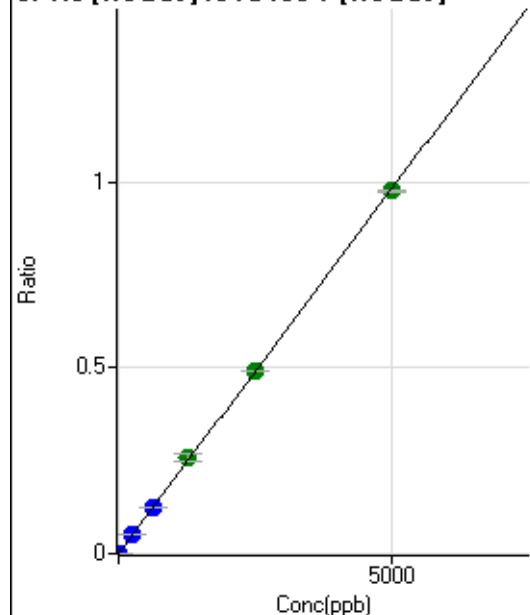
$$y = 3.4594\text{E-}004 * x + 5.0446\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.0828$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	194.46	0.0000	P	45.6
2	☐	0.500					
3	☐	5.000	4.701	9125.71	0.0009	P	6.8
4	☐	250.000	251.567	467331.17	0.0494	P	0.5
5	☐	625.000	627.978	1167998.08	0.1234	P	0.4
6	☐	1250.000	1327.290	2406406.28	0.2607	A	7.6
7	☐	2500.000	2507.761	4700295.29	0.4926	A	0.9
8	☐	5000.000	4976.347	9238913.05	0.9774	A	0.4
9	☐			17751.31	0.0018	P	2.8

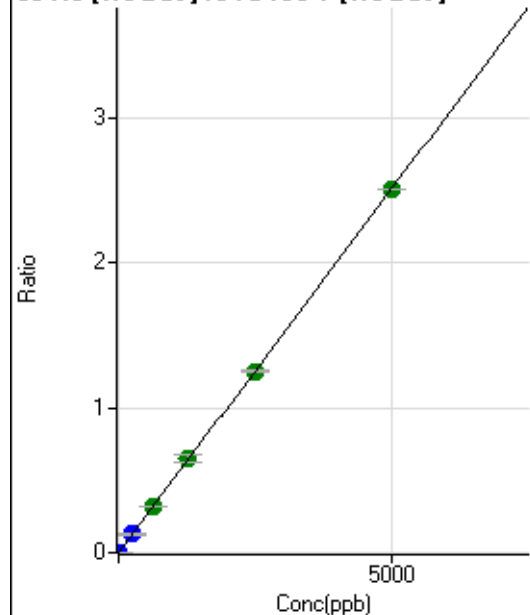
$$y = 1.9641\text{E-}004 * x + 2.0213\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1409$$

Weight: <None>

Min Conc: 0

98 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	494.48	0.0001	P	21.1
2	☐	0.500					
3	☐	5.000	4.822	23938.60	0.0025	P	5.1
4	☐	250.000	252.128	1198298.38	0.1268	P	1.1
5	☐	625.000	640.245	3046600.05	0.3218	A	0.8
6	☐	1250.000	1305.515	6054961.07	0.6561	A	7.9
7	☐	2500.000	2491.889	11949515.28	1.2523	A	0.8
8	☐	5000.000	4988.165	23693895.84	2.5067	A	0.1
9	☐			45312.98	0.0046	P	1.8

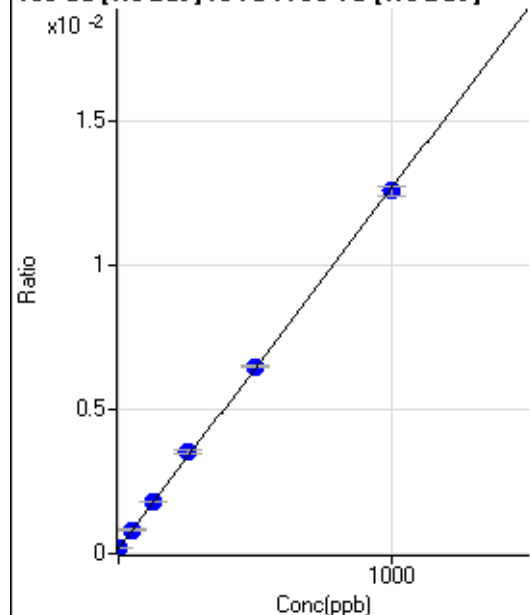
$$y = 5.0252\text{E-}004 * x + 5.0967\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.06423$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD : 159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2397.54	0.0002	P	8.0
2	☐	0.100					
3	☐	1.000	0.476	2455.91	0.0002	P	12.0
4	☐	50.000	50.658	10081.98	0.0008	P	3.7
5	☐	125.000	129.050	22447.47	0.0018	P	0.9
6	☐	250.000	267.920	42897.10	0.0035	P	4.8
7	☐	500.000	504.654	82192.20	0.0065	P	0.9
8	☐	1000.000	992.654	159253.81	0.0126	P	2.8
9	☐			2219.75	0.0002	P	1.7

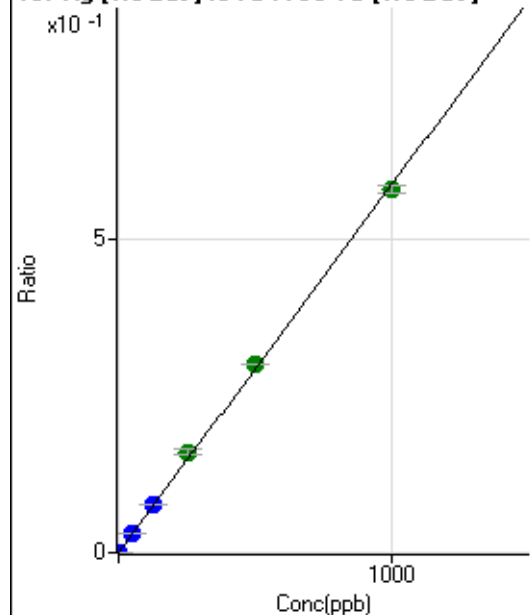
$$y = 1.2493\text{E-}005 * x + 1.8912\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.619$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD : 159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	32.4
2	☐	0.100					
3	☐	1.000	1.030	7663.65	0.0006	P	5.7
4	☐	50.000	53.568	384512.60	0.0313	P	0.7
5	☐	125.000	131.464	958529.07	0.0769	P	0.8
6	☐	250.000	273.849	1942367.80	0.1602	A	6.5
7	☐	500.000	512.809	3797597.48	0.3000	A	0.7
8	☐	1000.000	986.647	7302696.26	0.5773	A	2.0
9	☐			1233.67	0.0001	P	14.1

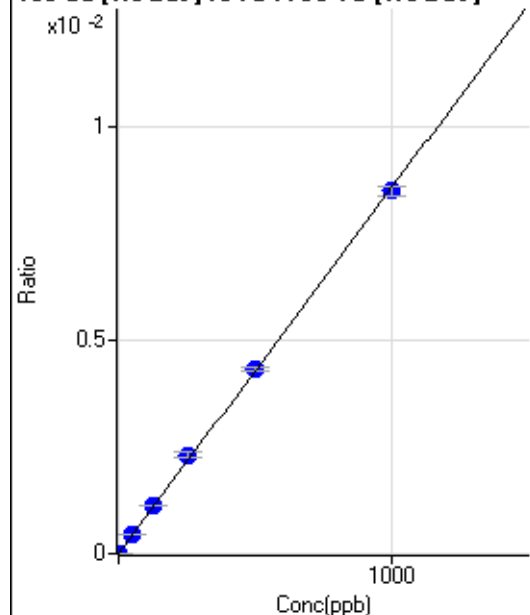
$$y = 5.8507\text{E-}004 * x + 5.7496\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.009544$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD : 159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.1
2	☐	0.100					
3	☐	1.000	0.681	90.28	0.0000	P	8.5
4	☐	50.000	53.079	5592.95	0.0005	P	2.5
5	☐	125.000	130.134	13906.04	0.0011	P	1.7
6	☐	250.000	268.647	27916.65	0.0023	P	6.1
7	☐	500.000	505.005	54768.02	0.0043	P	1.2
8	☐	1000.000	992.040	107508.69	0.0085	P	2.4
9	☐			38.89	0.0000	P	23.5

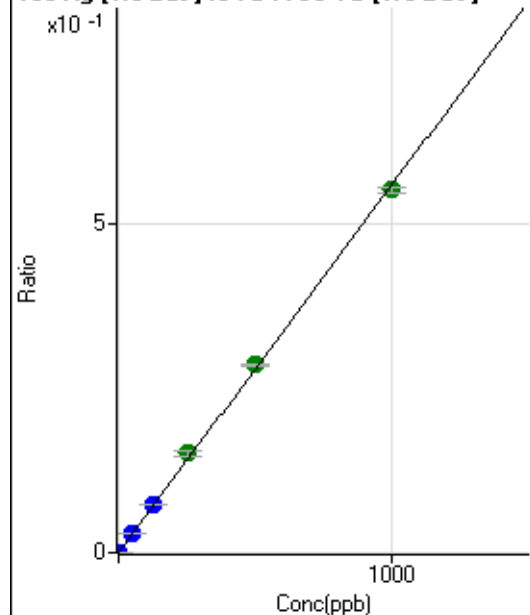
$$y = 8.5657\text{E-}006 * x + 1.3193\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.2269$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD : 159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	1.002	7127.22	0.0006	P	6.4
4	☐	50.000	53.410	366613.42	0.0299	P	1.5
5	☐	125.000	131.589	917526.99	0.0736	P	0.8
6	☐	250.000	271.280	1840173.98	0.1518	A	6.5
7	☐	500.000	511.836	3624817.05	0.2864	A	0.9
8	☐	1000.000	987.768	6992031.15	0.5527	A	1.6
9	☐			838.96	0.0001	P	10.8

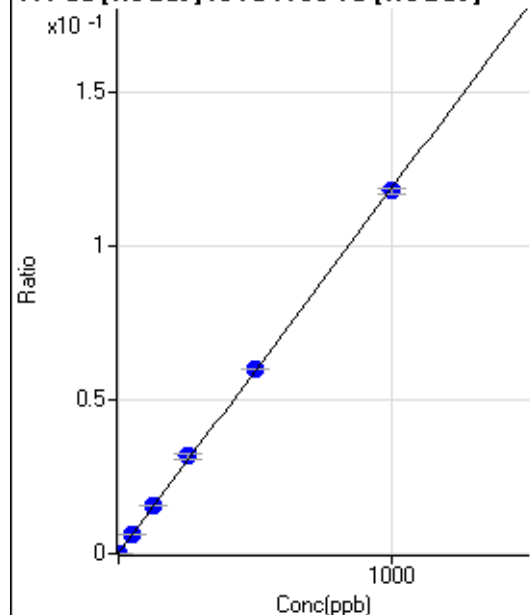
$$y = 5.5951\text{E-}004 * x + 5.5051\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.003277$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1749.95	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	0.939	3139.40	0.0002	P	7.6
4	☐	50.000	52.750	78351.04	0.0064	P	1.0
5	☐	125.000	130.586	194516.04	0.0156	P	0.1
6	☐	250.000	266.648	384642.85	0.0317	P	6.5
7	☐	500.000	503.690	757067.05	0.0598	P	0.5
8	☐	1000.000	993.157	1490286.52	0.1178	P	1.9
9	☐			1889.12	0.0001	P	1.5

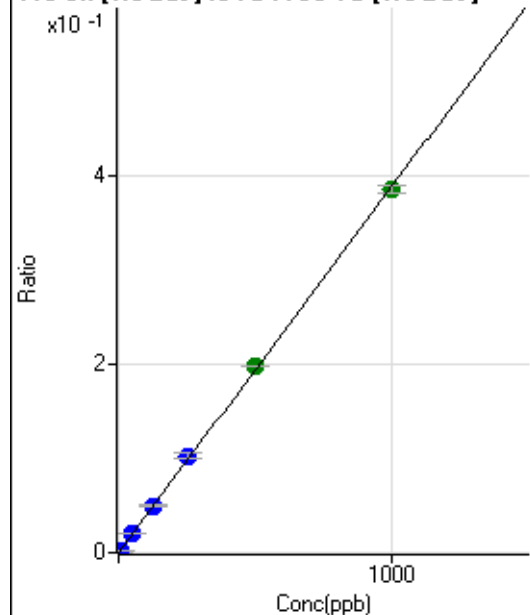
$$y = 1.1848\text{E-}004 * x + 1.3801\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.3042$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	533.38	0.0000	P	7.5
2	☐	0.500					
3	☐	5.000	4.886	24473.17	0.0019	P	5.2
4	☐	50.000	51.322	245355.79	0.0200	P	1.4
5	☐	125.000	128.576	623687.21	0.0500	P	0.4
6	☐	250.000	264.071	1245493.72	0.1027	P	6.7
7	☐	500.000	508.078	2501711.60	0.1977	A	0.2
8	☐	1000.000	991.931	4880950.41	0.3858	A	2.1
9	☐			13118.10	0.0010	P	0.8

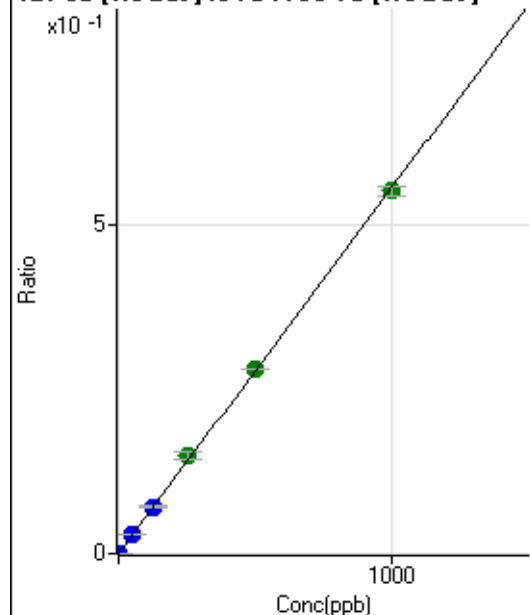
$$y = 3.8893\text{E-}004 * x + 4.2235\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02445$$

Weight: <None>

Min Conc: 0

121 Sb [NoGas] ISTD : 159 Tb [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	35.7
2	☐	0.200					
3	☐	2.000	1.953	13777.14	0.0011	P	2.0
4	☐	50.000	50.937	346698.39	0.0283	P	0.2
5	☐	125.000	128.601	889017.92	0.0713	P	0.9
6	☐	250.000	267.617	1799246.22	0.1485	A	7.1
7	☐	500.000	505.396	3548500.08	0.2804	A	0.3
8	☐	1000.000	992.401	6963535.74	0.5505	A	2.5
9	☐			18691.71	0.0015	P	5.1

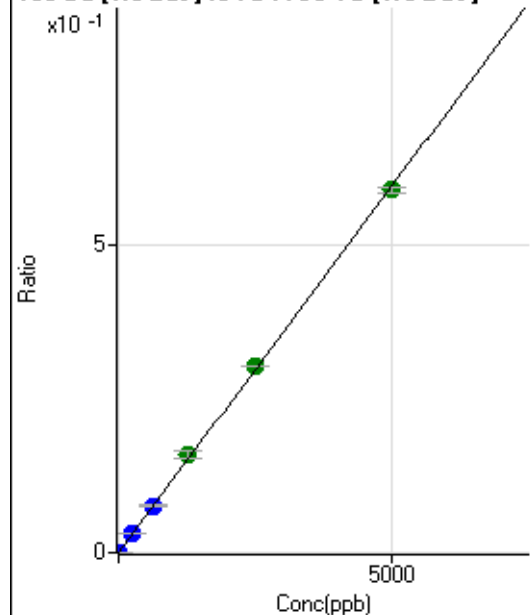
$$y = 5.5470\text{E-}004 * x + 8.6164\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01663$$

Weight: <None>

Min Conc: 0

135 Ba [NoGas] ISTD : 159 Tb [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	5.8
2	☐	1.000					
3	☐	10.000	9.983	15117.57	0.0012	P	4.5
4	☐	250.000	258.279	377093.08	0.0307	P	0.1
5	☐	625.000	641.815	951680.87	0.0764	P	1.1
6	☐	1250.000	1343.630	1937573.20	0.1599	A	7.2
7	☐	2500.000	2539.314	3824166.49	0.3021	A	0.2
8	☐	5000.000	4954.420	7457337.75	0.5895	A	1.9
9	☐			1233.45	0.0001	P	13.9

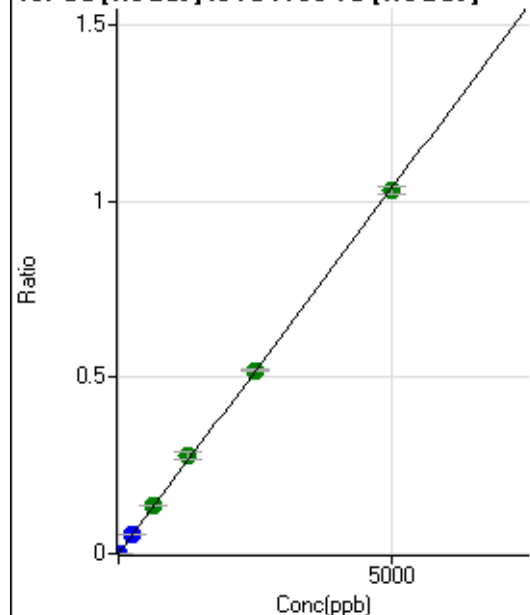
$$y = 1.1898\text{E-}004 * x + 1.1838\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.0174$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	266.68	0.0000	P	11.7
2	☐	1.000					
3	☐	10.000	10.040	26449.54	0.0021	P	7.3
4	☐	250.000	259.073	658515.73	0.0537	P	1.2
5	☐	625.000	654.321	1689296.68	0.1356	A	0.5
6	☐	1250.000	1340.144	3364623.30	0.2776	A	7.2
7	☐	2500.000	2511.831	6585885.69	0.5203	A	0.9
8	☐	5000.000	4967.429	13016818.52	1.0290	A	2.2
9	☐			2586.49	0.0002	P	8.0

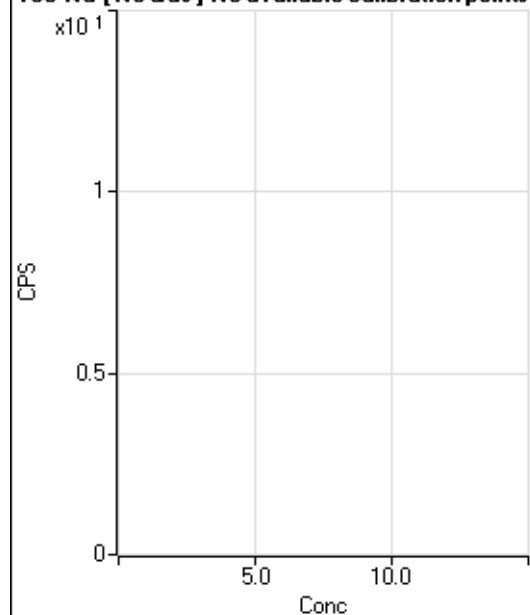
$$y = 2.0714E-004 * x + 2.1057E-005$$

$$R = 0.9998$$

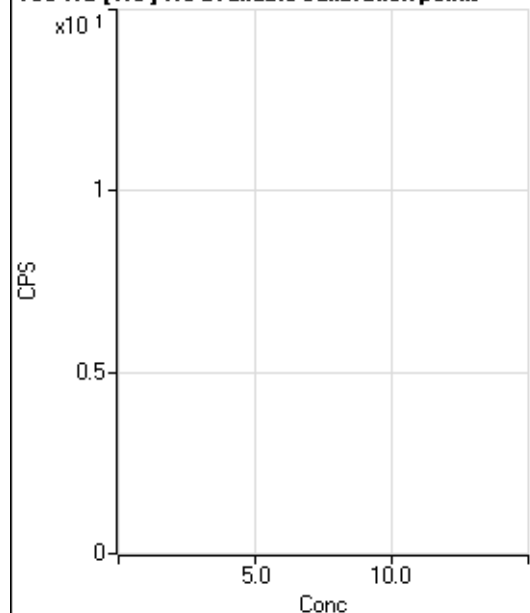
$$DL = 0.03554$$

Weight: <None>

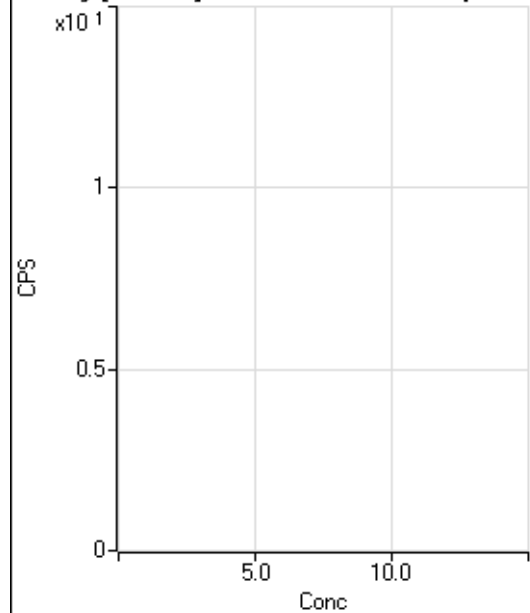
Min Conc: 0

150 Nd [No Gas] No available calibration points

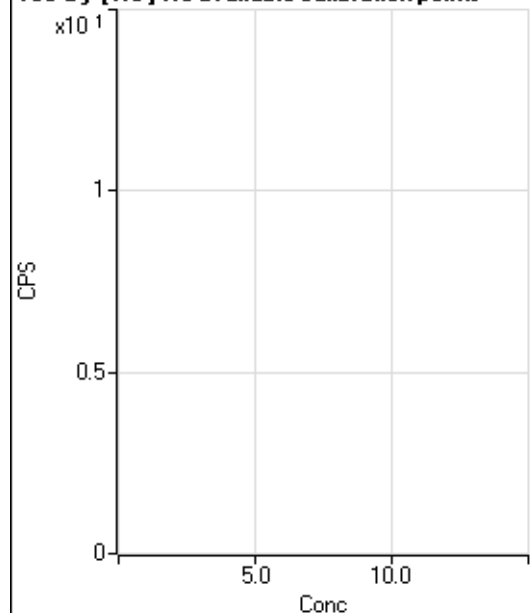
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			6.67		P	100.
4	☐			17.78		P	57.3
5	☐			68.89		P	5.6
6	☐			75.56		P	13.5
7	☐			202.23		P	8.3
8	☐			308.91		P	27.8
9	☐			128.89		P	28.5

150 Nd [He] No available calibration points

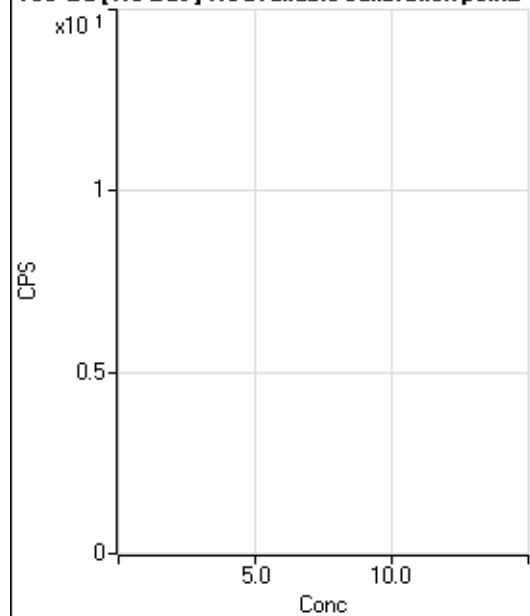
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			7.78		P	49.5
8	☐			8.89		P	43.3
9	☐			16.67		P	20.0

156 Dy [No Gas] No available calibration points

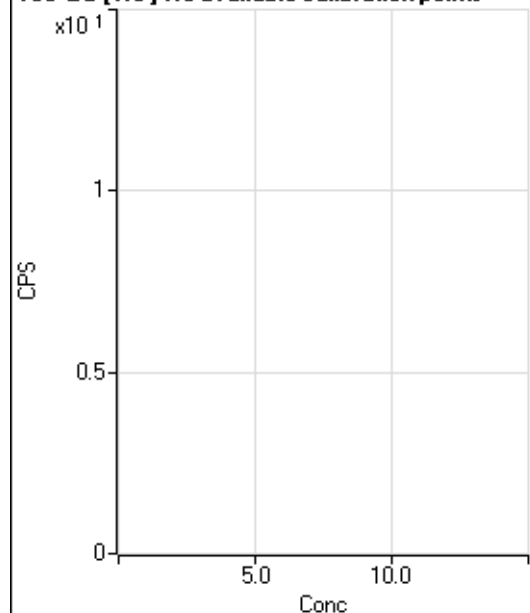
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			11.11		P	86.6
4	☐			27.78		P	17.3
5	☐			19.44		P	49.5
6	☐			27.78		P	96.4
7	☐			77.78		P	6.2
8	☐			63.89		P	19.9
9	☐			77.78		P	16.4

156 Dy [He] No available calibration points

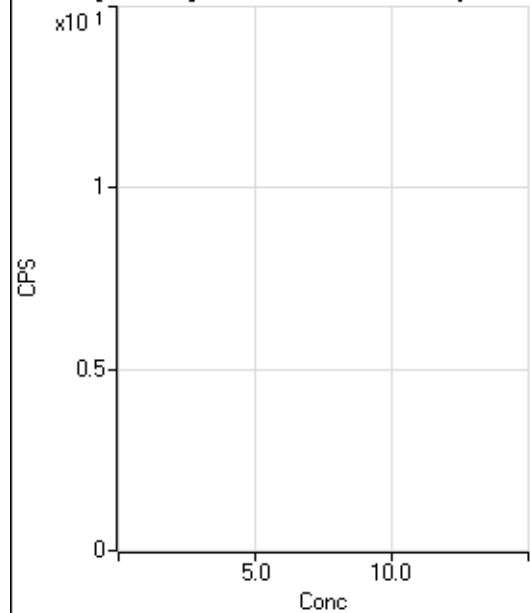
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.
5	☐			4.44		P	173.
6	☐			4.44		P	173.
7	☐			5.56		P	34.7
8	☐			11.11		P	17.3
9	☐			24.45		P	43.8

160 Gd [No Gas] No available calibration poin_

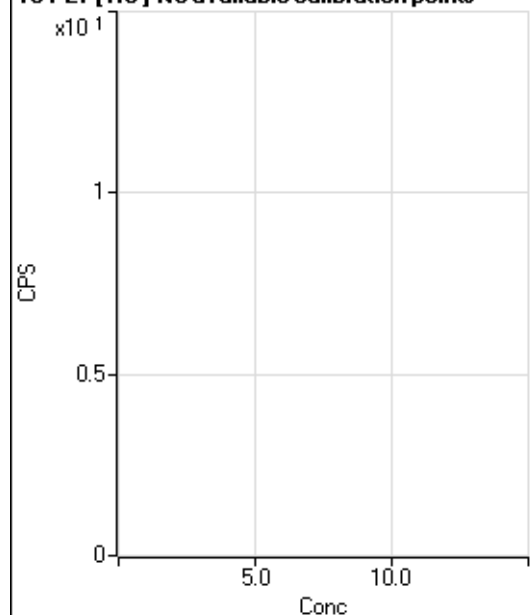
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.12		P	20.1
2	☐						
3	☐			86.12		P	64.4
4	☐			91.67		P	32.8
5	☐			88.89		P	5.4
6	☐			97.23		P	9.9
7	☐			119.45		P	17.6
8	☐			111.12		P	18.9
9	☐			125.01		P	20.0

160 Gd [He] No available calibration points

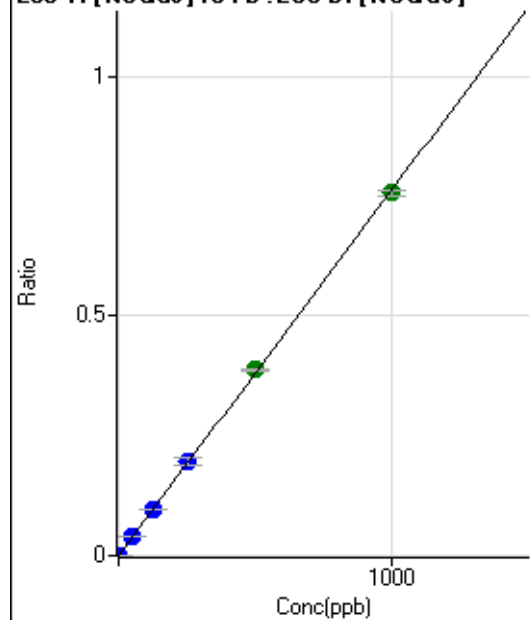
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	61.9
2	☐						
3	☐			11.11		P	34.6
4	☐			13.33		P	25.0
5	☐			10.00		P	33.3
6	☐			6.67		P	50.0
7	☐			18.89		P	20.4
8	☐			12.22		P	83.3
9	☐			23.33		P	28.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	96.4
2	☐						
3	☐			44.45		P	28.7
4	☐			50.00		P	33.3
5	☐			47.22		P	10.2
6	☐			36.11		P	13.3
7	☐			50.00		P	72.7
8	☐			33.33		P	25.0
9	☐			41.67		P	20.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			8.89		P	57.3
4	☐			5.55		P	69.3
5	☐			6.67		P	50.0
6	☐			13.33		P	25.0
7	☐			4.44		P	43.4
8	☐			10.00		P	57.8
9	☐			13.33		P	66.1

203 Tl [No Gas] ISTD: 209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	425.03	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.947	6360.24	0.0008	P	5.6
4	☐	50.000	50.429	302851.58	0.0385	P	1.4
5	☐	125.000	125.486	762684.39	0.0958	P	1.0
6	☐	250.000	260.183	1539638.10	0.1985	P	8.0
7	☐	500.000	508.507	3105138.42	0.3880	A	0.7
8	☐	1000.000	993.118	6005775.87	0.7577	A	1.4
9	☐			3561.78	0.0005	P	1.1

$$y = 7.6288\text{E-}004 * x + 5.1860\text{E-}005$$

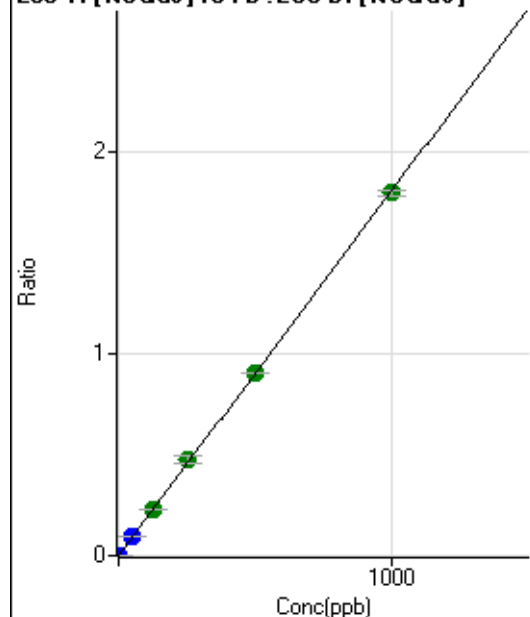
$$R = 0.9999$$

$$DL = 0.01492$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD : 209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1075.10	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	0.950	15143.11	0.0018	P	6.2
4	☐	50.000	51.518	731182.98	0.0930	P	0.8
5	☐	125.000	128.398	1844113.24	0.2316	A	1.1
6	☐	250.000	263.756	3689013.06	0.4756	A	7.5
7	☐	500.000	502.255	7247465.62	0.9056	A	0.5
8	☐	1000.000	994.933	14217610.56	1.7937	A	1.7
9	☐			8675.57	0.0012	P	5.9

$$y = 0.0018 * x + 1.3138E-004$$

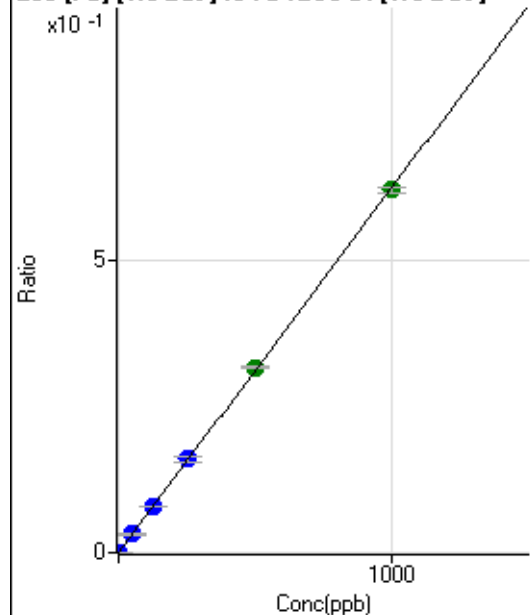
$$R = 0.9999$$

$$DL = 0.03173$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD : 209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.60	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	0.843	5025.23	0.0006	P	6.2
4	☐	50.000	50.046	245811.96	0.0313	P	1.2
5	☐	125.000	124.340	617570.86	0.0776	P	0.7
6	☐	250.000	256.367	1239649.74	0.1598	P	7.5
7	☐	500.000	506.701	2527352.86	0.3158	A	1.1
8	☐	1000.000	995.138	4915341.43	0.6201	A	1.5
9	☐			27276.06	0.0036	P	2.2

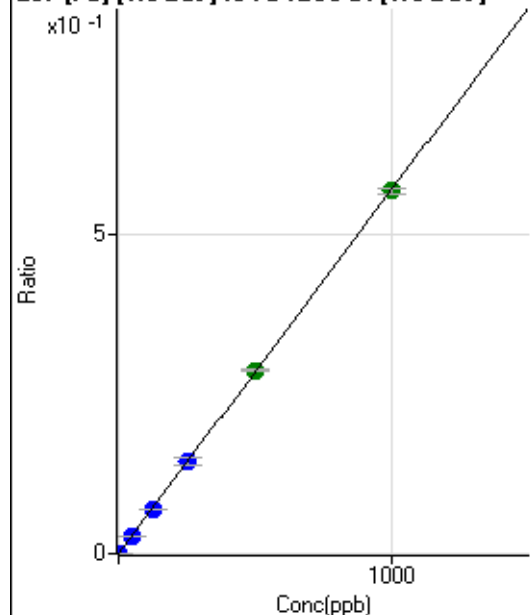
$$y = 6.2305E-004 * x + 8.6158E-005$$

$$R = 0.9999$$

$$DL = 0.04345$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD : 209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	624.11	0.0001	P	17.0
2	☐	0.100					
3	☐	1.000	0.872	4702.88	0.0006	P	11.3
4	☐	50.000	49.524	222810.95	0.0283	P	1.3
5	☐	125.000	123.175	560420.47	0.0704	P	0.5
6	☐	250.000	253.873	1124661.16	0.1450	P	7.2
7	☐	500.000	504.439	2304837.58	0.2880	A	1.0
8	☐	1000.000	997.064	4511438.70	0.5692	A	1.4
9	☐			23127.17	0.0031	P	1.7

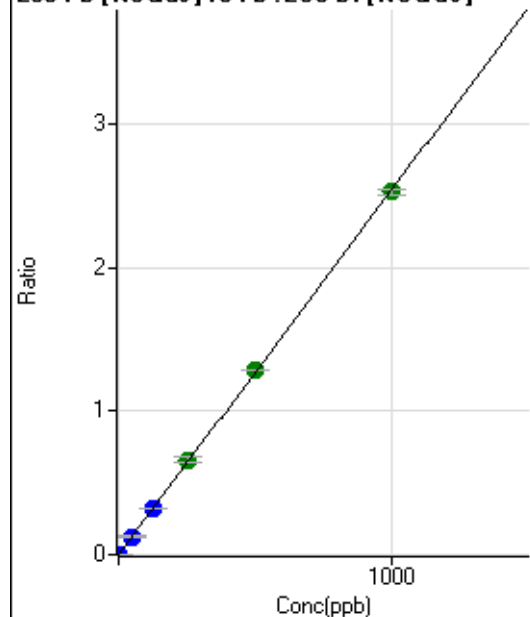
$$y = 5.7075\text{E-}004 * x + 7.5751\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.06776$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD : 209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2842.81	0.0003	P	0.8
2	☐	0.100					
3	☐	1.000	0.873	21083.57	0.0026	P	5.0
4	☐	50.000	49.950	1001253.13	0.1274	P	1.0
5	☐	125.000	124.699	2527619.71	0.3174	P	0.8
6	☐	250.000	259.797	5128019.27	0.6610	A	6.9
7	☐	500.000	504.879	10277400.11	1.2841	A	0.4
8	☐	1000.000	995.151	20060442.52	2.5308	A	1.4
9	☐			106910.97	0.0142	P	0.9

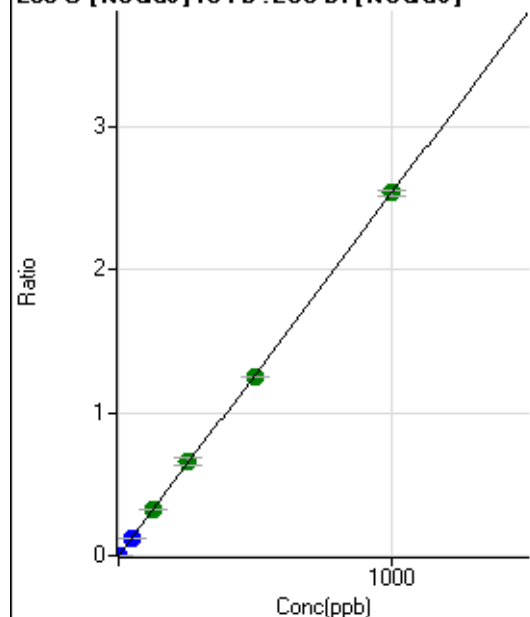
$$y = 0.0025 * x + 3.4625\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.003418$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD : 209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2053.05	0.0003	P	1.0
2	☐	0.100					
3	☐	1.000	0.866	20092.23	0.0024	P	6.2
4	☐	50.000	49.207	982485.81	0.1250	P	0.9
5	☐	125.000	127.274	2570582.78	0.3228	A	1.3
6	☐	250.000	258.441	5083056.41	0.6553	A	7.4
7	☐	500.000	493.080	10004008.30	1.2500	A	0.9
8	☐	1000.000	1001.105	20113530.48	2.5376	A	1.9
9	☐			1702.98	0.0002	P	8.3

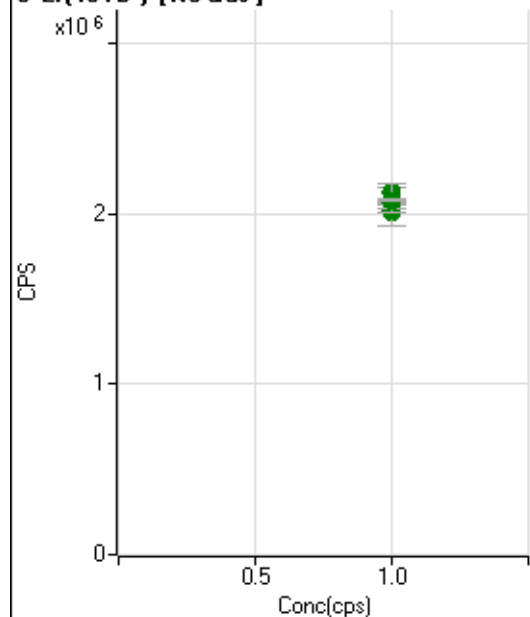
$$y = 0.0025 * x + 2.5014E-004$$

$$R = 0.9999$$

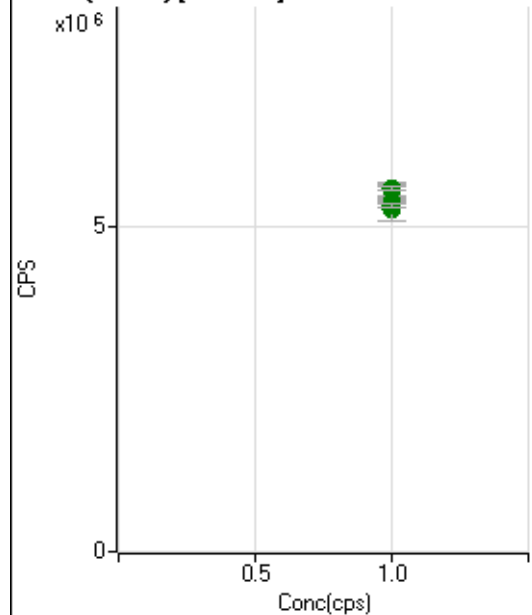
$$DL = 0.002833$$

Weight: <None>

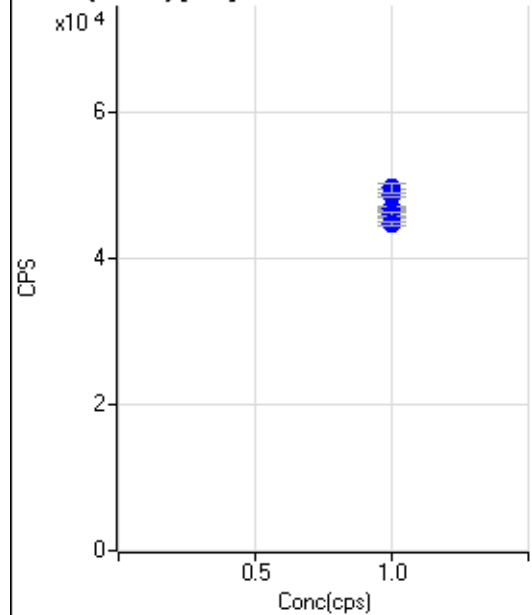
Min Conc: 0

6 Li (ISTD) [No Gas]

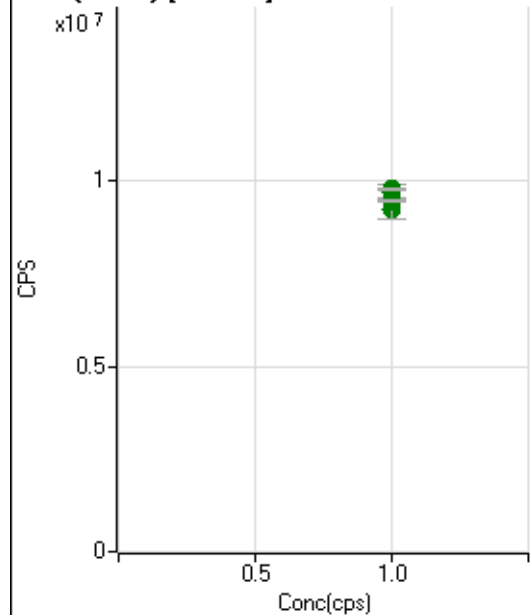
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2115835.70		A	3.5
2	☐	1.000					
3	☐	1.000		2128799.65		A	4.9
4	☐	1.000		2069164.21		A	0.6
5	☐	1.000		2068425.26		A	0.5
6	☐	1.000		2004044.40		A	7.1
7	☐	1.000		2065104.60		A	0.7
8	☐	1.000		2017995.30		A	1.2
9	☐	1.000		2078462.61		A	0.3

45 Sc(ISTD) [NoGas]

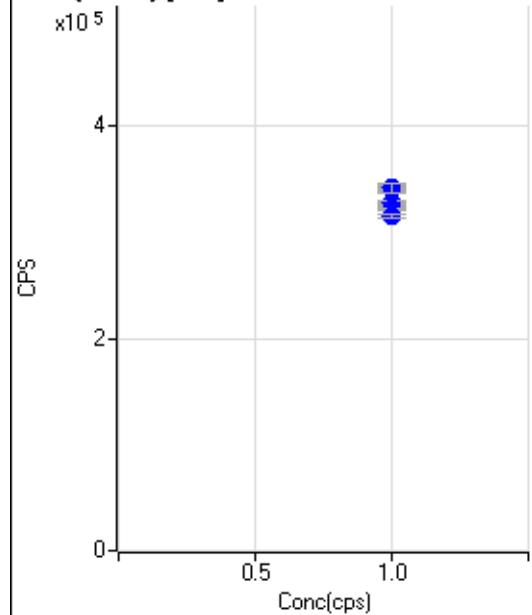
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5564164.58		A	3.5
2	☐	1.000					
3	☐	1.000		5558712.06		A	4.5
4	☐	1.000		5402219.96		A	0.8
5	☐	1.000		5381220.43		A	0.6
6	☐	1.000		5256217.56		A	5.9
7	☐	1.000		5382026.81		A	0.2
8	☐	1.000		5322178.85		A	1.4
9	☐	1.000		5585044.61		A	0.9

45 Sc(ISTD) [He]

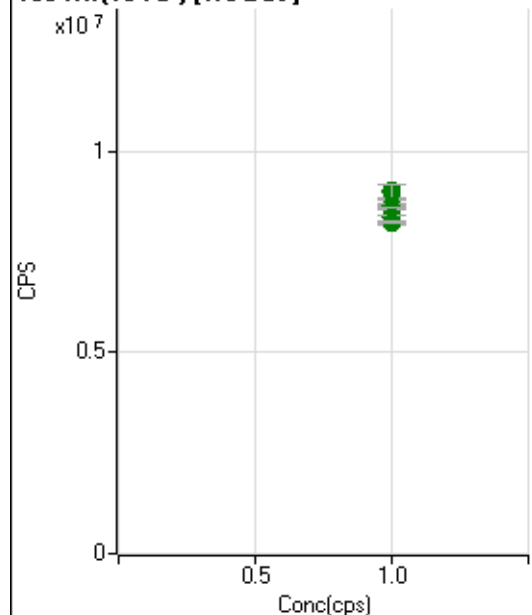
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		49378.82		P	0.4
2	☐	1.000					
3	☐	1.000		48691.06		P	0.9
4	☐	1.000		46679.64		P	0.8
5	☐	1.000		45968.61		P	2.1
6	☐	1.000		46668.58		P	1.6
7	☐	1.000		45989.60		P	0.7
8	☐	1.000		44626.29		P	1.2
9	☐	1.000		49586.24		P	2.9

89 Y (ISTD) [No Gas]

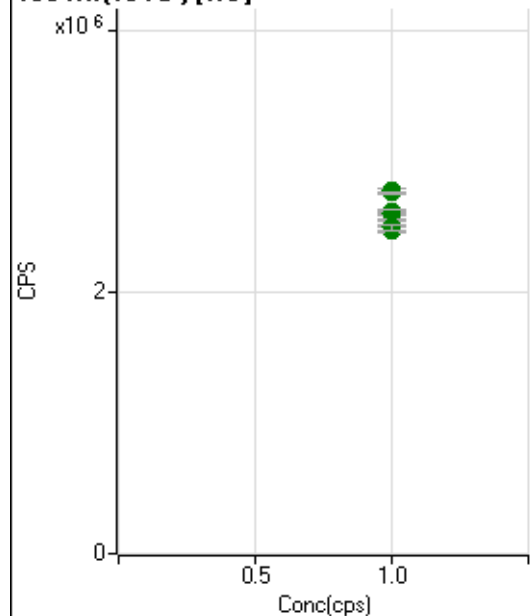
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9729048.05		A	3.8
2	☐	1.000					
3	☐	1.000		9690715.69		A	4.5
4	☐	1.000		9454342.92		A	0.6
5	☐	1.000		9468006.73		A	0.6
6	☐	1.000		9259340.07		A	6.3
7	☐	1.000		9542460.35		A	0.5
8	☐	1.000		9452226.46		A	0.5
9	☐	1.000		9787393.53		A	0.8

89 Y (ISTD) [He]

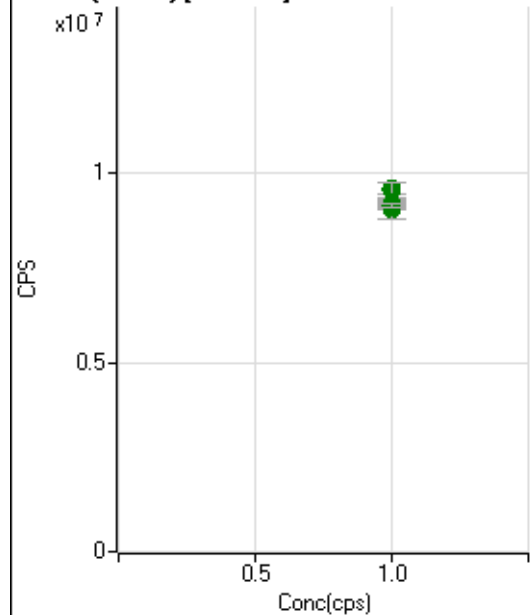
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		341648.01		P	1.3
2	☐	1.000					
3	☐	1.000		341514.77		P	0.6
4	☐	1.000		327205.41		P	0.8
5	☐	1.000		322294.66		P	1.3
6	☐	1.000		328016.93		P	1.7
7	☐	1.000		321937.96		P	0.7
8	☐	1.000		315371.10		P	1.3
9	☐	1.000		342136.71		P	2.5

103 Rh(ISTD) [NoGas]

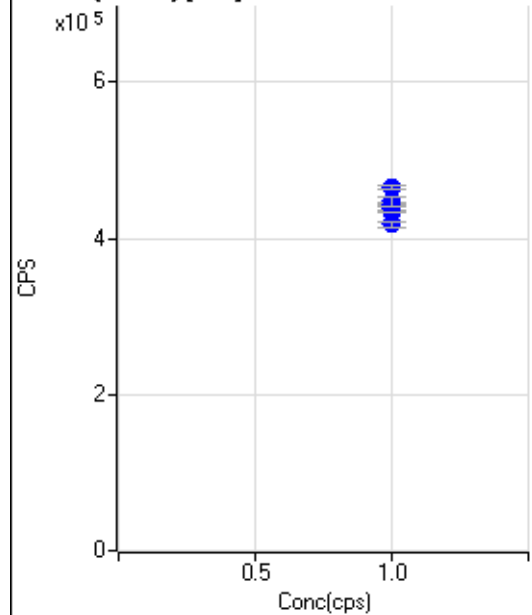
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9026069.56		A	3.5
2	☐	1.000					
3	☐	1.000		9001705.06		A	4.6
4	☐	1.000		8665382.22		A	0.6
5	☐	1.000		8657484.14		A	0.9
6	☐	1.000		8443176.84		A	6.5
7	☐	1.000		8579544.47		A	0.9
8	☐	1.000		8365447.76		A	1.7
9	☐	1.000		8251109.04		A	0.6

103 Rh(ISTD) [He]

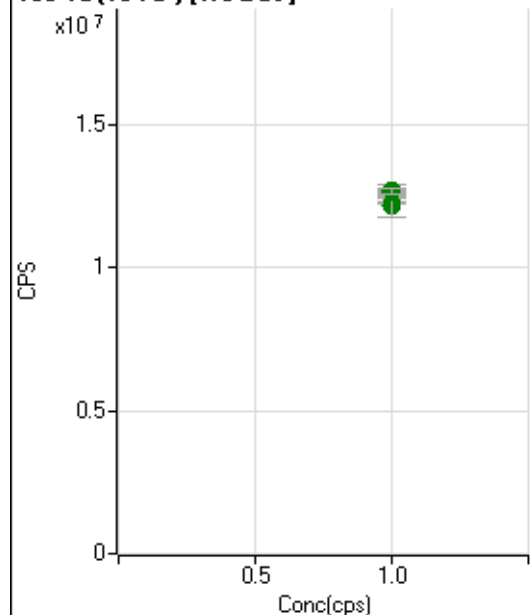
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2774317.56		A	1.3
2	☐	1.000					
3	☐	1.000		2760687.98		A	0.4
4	☐	1.000		2613201.25		A	1.2
5	☐	1.000		2587267.89		A	1.8
6	☐	1.000		2609386.94		A	1.7
7	☐	1.000		2555094.41		A	0.6
8	☐	1.000		2476677.05		A	1.8
9	☐	1.000		2494968.40		A	1.8

115 In(ISTD) [NoGas]

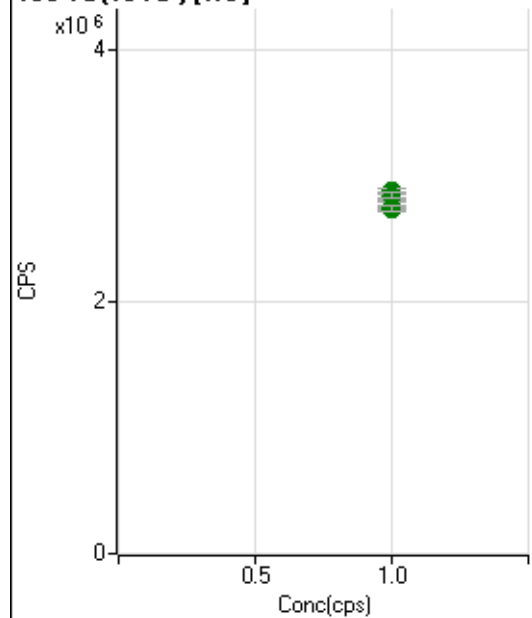
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9587291.58		A	3.2
2	☐	1.000					
3	☐	1.000		9541729.57		A	4.0
4	☐	1.000		9236662.70		A	0.5
5	☐	1.000		9254205.54		A	1.2
6	☐	1.000		9057377.04		A	6.1
7	☐	1.000		9210262.15		A	0.4
8	☐	1.000		9110011.85		A	1.1
9	☐	1.000		9143322.11		A	1.2

115 In(ISTD) [He]

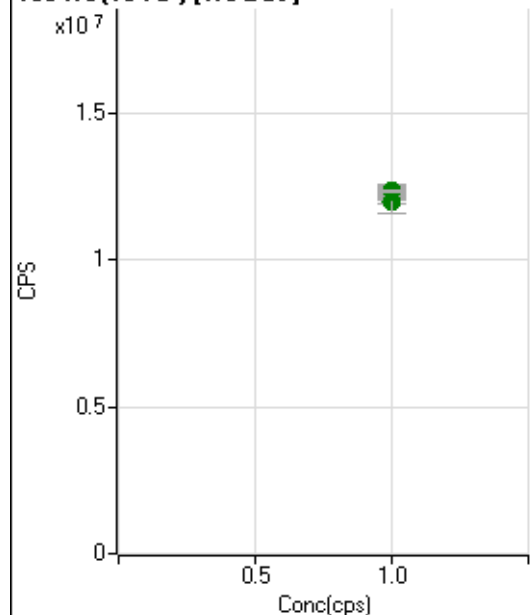
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		464444.69		P	1.2
2	☐	1.000					
3	☐	1.000		464426.15		P	1.2
4	☐	1.000		444421.38		P	0.8
5	☐	1.000		437830.57		P	1.5
6	☐	1.000		442848.80		P	1.2
7	☐	1.000		433087.28		P	0.4
8	☐	1.000		417441.93		P	1.6
9	☐	1.000		447032.70		P	2.8

159 Tb(ISTD) [NoGas]

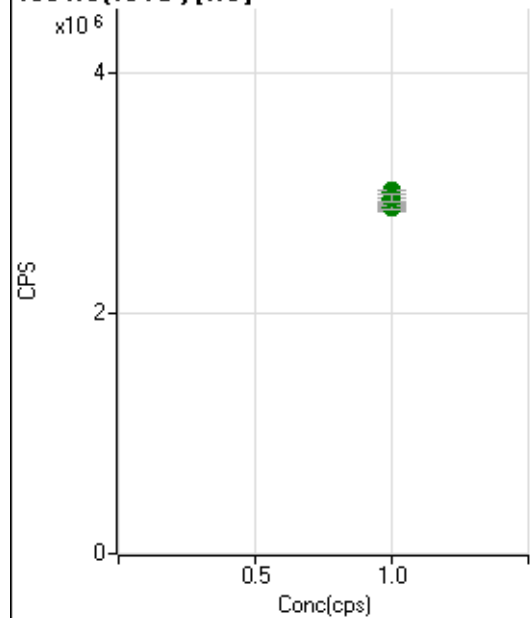
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12651923.84		A	3.9
2	☐	1.000					
3	☐	1.000		12618526.76		A	4.6
4	☐	1.000		12266803.98		A	0.8
5	☐	1.000		12461545.93		A	0.7
6	☐	1.000		12154197.46		A	6.0
7	☐	1.000		12657303.98		A	0.2
8	☐	1.000		12654051.20		A	2.1
9	☐	1.000		12678346.89		A	1.6

159 Tb(ISTD) [He]

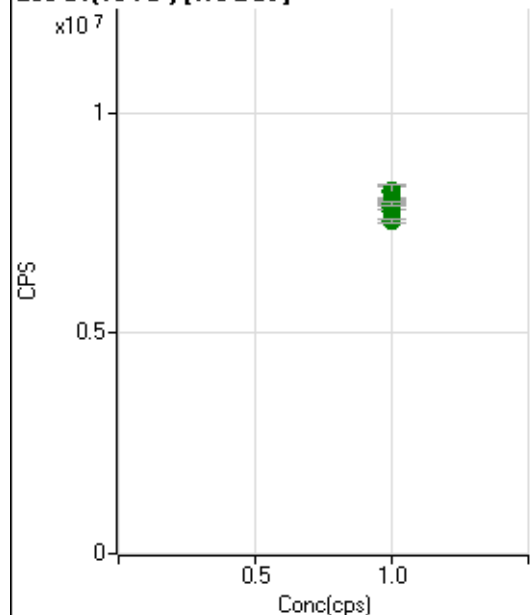
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2876564.37		A	1.1
2	☐	1.000					
3	☐	1.000		2871439.85		A	1.4
4	☐	1.000		2751884.51		A	0.7
5	☐	1.000		2747284.51		A	1.3
6	☐	1.000		2814647.87		A	0.8
7	☐	1.000		2796004.96		A	0.9
8	☐	1.000		2731518.92		A	1.6
9	☐	1.000		2840988.64		A	1.5

¹⁶⁵Ho(ISTD) [NoGas]

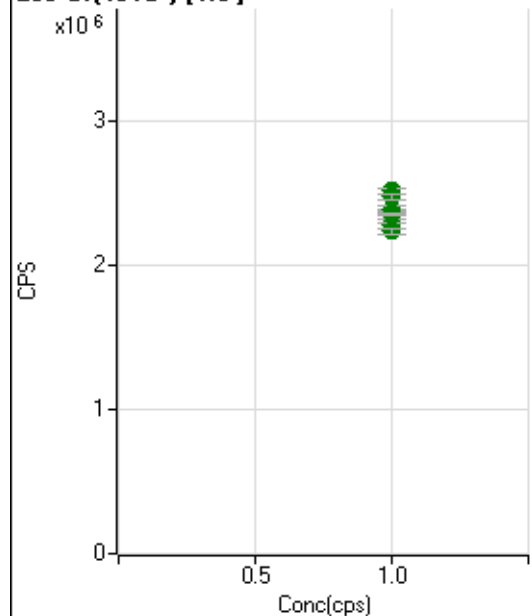
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12320613.99		A	3.7
2	☐	1.000					
3	☐	1.000		12279612.25		A	3.9
4	☐	1.000		11990975.88		A	0.7
5	☐	1.000		12112512.34		A	0.4
6	☐	1.000		11962476.92		A	6.0
7	☐	1.000		12317135.35		A	0.6
8	☐	1.000		12319582.65		A	2.1
9	☐	1.000		12359188.91		A	0.8

¹⁶⁵Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3018186.76		A	0.1
2	☐	1.000					
3	☐	1.000		3009949.54		A	1.1
4	☐	1.000		2892598.88		A	0.6
5	☐	1.000		2880776.73		A	2.0
6	☐	1.000		2945944.23		A	0.9
7	☐	1.000		2914104.85		A	0.3
8	☐	1.000		2877617.21		A	1.3
9	☐	1.000		2959513.12		A	2.0

209 Bi(ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8209210.36		A	3.4
2	☐	1.000					
3	☐	1.000		8227156.33		A	3.9
4	☐	1.000		7862279.81		A	1.0
5	☐	1.000		7963309.12		A	1.2
6	☐	1.000		7783539.33		A	7.0
7	☐	1.000		8003325.71		A	0.1
8	☐	1.000		7927611.27		A	1.4
9	☐	1.000		7538362.18		A	1.5

209 Bi(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2510239.30		A	1.3
2	☐	1.000					
3	☐	1.000		2468805.74		A	1.7
4	☐	1.000		2368491.28		A	0.9
5	☐	1.000		2345475.24		A	2.1
6	☐	1.000		2386316.27		A	1.5
7	☐	1.000		2351313.00		A	0.7
8	☐	1.000		2273272.66		A	1.9
9	☐	1.000		2229378.54		A	1.9

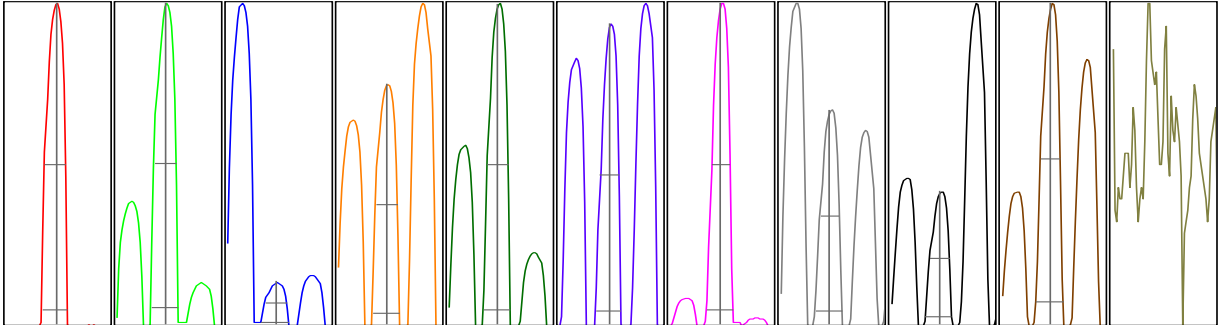
US EPA Tune Check Sample Report

Batch Folder D:\P8071718MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6439	1.66	5.00	
24	105769	1.32	5.00	
25	14091	1.27	5.00	
26	16359	1.12	5.00	
59	65820	0.55	5.00	
113	9027	1.28	5.00	
115	114943	1.52	5.00	
206	28722	1.04	5.00	
207	25981	1.17	5.00	
208	62178	1.90	5.00	
220	1	31.49		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6325	6600	6378	6484	6408
24	104277	107119	104830	107382	105236
25	13860	14276	14010	14268	14038
26	16169	16510	16254	16593	16268
59	65479	66026	65442	66292	65859
113	9122	9033	9097	9051	8830
115	116560	116103	115438	114458	112156
206	28609	28277	29064	28769	28890
207	26120	25532	26294	25821	26136
208	62547	60215	63357	62135	62636
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11290	9.00	8.9 - 9.1		0.738	0.900	
24	177217	23.95	23.9 - 24.1		0.784	0.900	
25	23611	24.95	24.9 - 25.1		0.787	0.900	
26	27686	25.95	25.9 - 26.1		0.782	0.900	
59	116116	58.95	58.9 - 59.1		0.771	0.900	
113	17301	113.00	112.9 - 113.1		0.725	0.900	
115	216773	115.00	114.9 - 115.1		0.760	0.900	
206	52400	205.95	205.9 - 206.1		0.776	0.900	
207	47603	206.95	206.9 - 207.1		0.741	0.900	
208	114748	207.95	207.9 - 208.1		0.774	0.900	
220			-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.7	V	Deflect	13.4	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9168	2.49	
89	9437	2.29	
205	14458	2.36	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9297	9262	9303	8765	9216
89	9552	9479	9582	9057	9516
205	14629	14633	14665	13858	14505

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.7	V	Deflect	1.0	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:24:06	DataFile Name :	003CALB_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.01	0.00	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.15	0.12	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.13	0.05	0.07	0.00	N/A	ppb
Boron	11-1	0.03	0.02	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.02	0.09	-0.11	0.00	N/A	ppb
Cadmium	106-1	0.30	1.03	-1.33	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.08	0.01	0.00	N/A	ppb
Calcium	43-1	3.09	-4.01	0.92	0.00	N/A	ppb
Calcium	44-1	-2.18	-2.16	4.34	0.00	N/A	ppb
Chromium	52-2	0.02	0.00	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.02	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.09	-0.27	0.18	0.00	N/A	ppb
Iron	57-2	0.42	0.89	-1.31	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	0.02	0.01	-0.03	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.61	1.20	-0.59	0.00	N/A	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:24:06	DataFile Name :	003CALB_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.05	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	-0.02	0.04	0.00	N/A	ppb
Molybdenum	96-1	-0.03	0.00	0.03	0.00	N/A	ppb
Molybdenum	97-1	-0.04	-0.01	0.05	0.00	N/A	ppb
Molybdenum	98-1	-0.02	0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.09	0.05	0.00	N/A	ppb
Phosphorus	31-2	3.64	3.82	3.69	3.72	2.39	ppb
Potassium	39-2	6.31	-10.68	4.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.44	-0.28	-1.16	0.00	N/A	ppb
Selenium	82-1	-0.53	-0.02	0.54	0.00	N/A	ppb
Silicon	28-1	-1.27	-2.75	4.02	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.13	0.19	-2.33	0.00	N/A	ppb
Strontium	86-1	0.03	0.00	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-242.67	-435.28	615.66	-20.76		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.02	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	-0.01	0.10	0.00	N/A	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:24:06	DataFile Name :	003CALB_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	-0.02	0.03	0.00	N/A	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:31:40	DataFile Name :	005CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.23	25.18	12.68	20.69	33.63	ppb
Antimony	121-1	1.99	1.91	1.96	1.95	2.00	ppb
Arsenic	75-2	0.84	0.70	0.78	0.77	9.18	ppb
Barium	135-1	9.86	9.60	10.49	9.98	4.59	ppb
Barium	137-1	9.51	9.73	10.88	10.04	7.33	ppb
Beryllium	9-1	0.79	0.94	1.03	0.92	13.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	18.75	21.32	23.32	21.13	10.83	ppb
Boron	11-1	22.44	22.26	25.54	23.41	7.87	ppb
Cadmium	111-1	0.89	0.81	1.12	0.94	16.93	ppb
Cadmium	106-1	0.97	-1.59	2.05	0.48	392.90	ppb
Cadmium	108-1	0.74	0.60	0.70	0.68	10.38	ppb
Calcium	43-1	447.80	441.17	503.75	464.24	7.40	ppb
Calcium	44-1	444.92	456.54	483.51	461.66	4.29	ppb
Chromium	52-2	1.91	1.95	1.97	1.95	1.54	ppb
Cobalt	59-2	0.94	0.90	0.90	0.91	2.60	ppb
Copper	63-2	1.93	2.00	1.98	1.97	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	51.26	50.34	51.21	50.94	1.01	ppb
Iron	57-2	52.18	41.19	53.74	49.04	13.95	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.88	0.88	0.84	7.22	ppb
Lead	207-1	0.77	0.85	0.99	0.87	13.00	ppb
Lead	208-1	0.82	0.88	0.92	0.87	5.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	463.49	437.42	468.48	456.46	3.65	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:31:40	DataFile Name :	005CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	0.92	1.04	0.95	7.35	ppb
Molybdenum	94-1	4.75	4.69	4.90	4.78	2.22	ppb
Molybdenum	95-1	4.68	4.78	5.19	4.88	5.52	ppb
Molybdenum	96-1	4.55	4.60	4.85	4.67	3.46	ppb
Molybdenum	97-1	4.60	4.44	5.06	4.70	6.90	ppb
Molybdenum	98-1	4.61	4.75	5.10	4.82	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.87	0.93	0.92	4.39	ppb
Phosphorus	31-2	-19.17	-19.17	27.18	-3.72		ppb
Potassium	39-2	476.63	443.52	476.30	465.48	4.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	11.66	3.89	173.21	ppb
Selenium	78-2	5.93	4.12	5.85	5.30	19.30	ppb
Selenium	82-1	3.87	4.95	5.59	4.80	18.07	ppb
Silicon	28-1	12.20	14.35	21.06	15.87	29.10	ppb
Silver	109-1	0.96	0.97	1.08	1.00	6.51	ppb
Silver	107-1	0.98	1.01	1.10	1.03	5.79	ppb
Sodium	23-2	476.06	472.15	487.08	478.43	1.62	ppb
Strontium	86-1	0.99	1.02	0.95	0.99	3.47	ppb
Strontium	88-1	0.94	0.97	1.08	1.00	7.20	ppb
Sulfur	34-1	-498.26	-235.80	796.34	20.76	3296.23	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.88	0.96	0.99	0.95	6.05	ppb
Thallium	205-1	0.93	0.90	1.02	0.95	6.72	ppb
Tin	118-1	4.67	4.81	5.18	4.89	5.37	ppb
Titanium	47-1	4.95	4.58	4.48	4.67	5.28	ppb
Uranium	238-1	0.80	0.89	0.91	0.87	6.94	ppb
Vanadium	51-2	4.88	4.56	4.62	4.69	3.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.31	1.94	1.98	2.07	10.03	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:31:40	DataFile Name :	005CALS_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.83	0.88	0.97	0.90	8.06	ppb
Zirconium	91-1	0.82	0.83	0.89	0.85	4.40	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:35:21	DataFile Name :	006CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.67	993.88	974.86	990.14	1.39	ppb
Antimony	121-1	50.91	51.04	50.86	50.94	0.19	ppb
Arsenic	75-2	50.89	49.53	50.64	50.35	1.44	ppb
Barium	135-1	258.44	258.45	257.94	258.28	0.11	ppb
Barium	137-1	262.59	257.96	256.67	259.07	1.20	ppb
Beryllium	9-1	51.68	51.84	51.44	51.66	0.39	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	47.24	52.27	53.94	51.15	6.82	ppb
Boron	11-1	48.35	50.47	52.67	50.50	4.28	ppb
Cadmium	111-1	53.09	53.05	52.11	52.75	1.06	ppb
Cadmium	106-1	50.22	53.28	48.47	50.66	4.80	ppb
Cadmium	108-1	52.89	54.49	51.85	53.08	2.51	ppb
Calcium	43-1	4847.00	4918.19	4913.79	4892.99	0.82	ppb
Calcium	44-1	4925.68	4995.29	4847.27	4922.74	1.50	ppb
Chromium	52-2	51.43	50.51	50.64	50.86	0.98	ppb
Cobalt	59-2	50.81	50.69	50.76	50.75	0.12	ppb
Copper	63-2	102.88	101.99	103.27	102.72	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	2629.47	2626.62	2649.28	2635.12	0.47	ppb
Iron	57-2	2592.91	2586.76	2606.79	2595.48	0.40	ppb
Krypton	83-1						cps
Lead	206-1	50.00	50.69	49.45	50.05	1.24	ppb
Lead	207-1	49.72	50.04	48.81	49.52	1.30	ppb
Lead	208-1	50.02	50.39	49.44	49.95	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	5111.41	5054.92	5180.23	5115.52	1.23	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:35:21	DataFile Name :	006CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.80	99.08	101.44	100.11	1.21	ppb
Molybdenum	94-1	252.59	256.74	251.66	253.66	1.07	ppb
Molybdenum	95-1	252.84	256.77	251.07	253.56	1.15	ppb
Molybdenum	96-1	253.97	256.93	252.66	254.52	0.86	ppb
Molybdenum	97-1	250.64	252.92	251.13	251.57	0.48	ppb
Molybdenum	98-1	250.18	255.21	250.99	252.13	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.90	51.70	52.18	51.93	0.46	ppb
Phosphorus	31-2	972.04	967.21	1226.36	1055.20	14.05	ppb
Potassium	39-2	2474.46	2554.58	2464.32	2497.79	1.98	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	36.59	60.75	61.69	53.01	26.84	ppb
Selenium	78-2	54.78	46.35	58.22	53.12	11.49	ppb
Selenium	82-1	51.69	52.74	50.90	51.78	1.78	ppb
Silicon	28-1	62.22	64.53	63.05	63.27	1.85	ppb
Silver	109-1	54.07	53.64	52.51	53.41	1.51	ppb
Silver	107-1	53.93	53.57	53.20	53.57	0.68	ppb
Sodium	23-2	5065.16	5041.06	5043.80	5050.01	0.26	ppb
Strontium	86-1	51.06	51.60	50.10	50.92	1.49	ppb
Strontium	88-1	50.56	51.54	50.96	51.02	0.97	ppb
Sulfur	34-1	1219.26	1535.40	1204.12	1319.59	14.17	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	50.70	50.95	49.64	50.43	1.38	ppb
Thallium	205-1	51.47	51.94	51.14	51.52	0.79	ppb
Tin	118-1	51.69	51.80	50.47	51.32	1.43	ppb
Titanium	47-1	247.96	253.44	246.61	249.34	1.45	ppb
Uranium	238-1	49.07	49.69	48.86	49.21	0.87	ppb
Vanadium	51-2	49.44	51.15	49.30	49.97	2.06	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	105.42	104.76	103.49	104.56	0.93	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:35:21	DataFile Name :	006CALS_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.29	49.90	49.62	49.60	0.61	ppb
Zirconium	91-1	49.02	49.09	48.82	48.98	0.28	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:39:03	DataFile Name :	007CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2521.79	2469.00	2572.60	2521.13	2.05	ppb
Antimony	121-1	129.86	128.20	127.75	128.60	0.86	ppb
Arsenic	75-2	127.37	128.61	125.66	127.21	1.16	ppb
Barium	135-1	650.26	637.30	637.88	641.82	1.14	ppb
Barium	137-1	650.92	655.41	656.64	654.32	0.46	ppb
Beryllium	9-1	130.40	128.87	127.90	129.05	0.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	123.04	125.22	119.35	122.54	2.42	ppb
Boron	11-1	120.40	127.46	124.46	124.11	2.85	ppb
Cadmium	111-1	130.60	130.72	130.44	130.59	0.10	ppb
Cadmium	106-1	127.71	130.35	129.09	129.05	1.02	ppb
Cadmium	108-1	132.59	129.63	128.18	130.13	1.73	ppb
Calcium	43-1	12216.56	12347.17	12347.06	12303.59	0.61	ppb
Calcium	44-1	12331.48	12445.09	12310.40	12362.32	0.59	ppb
Chromium	52-2	124.06	129.53	129.54	127.71	2.47	ppb
Cobalt	59-2	126.05	130.19	128.91	128.38	1.65	ppb
Copper	63-2	251.17	262.51	259.35	257.68	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	6557.66	6809.20	6812.58	6726.48	2.17	ppb
Iron	57-2	6304.41	6596.64	6501.80	6467.62	2.31	ppb
Krypton	83-1						cps
Lead	206-1	125.21	124.39	123.42	124.34	0.72	ppb
Lead	207-1	123.75	123.24	122.54	123.18	0.49	ppb
Lead	208-1	125.43	125.03	123.64	124.70	0.76	ppb
Lithium	6-1				98		%
Magnesium	24-2	12682.51	13257.99	12908.12	12949.54	2.24	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:39:03	DataFile Name :	007CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	244.98	258.26	258.79	254.01	3.08	ppb
Molybdenum	94-1	652.02	648.26	638.35	646.21	1.09	ppb
Molybdenum	95-1	643.56	641.03	627.11	637.23	1.39	ppb
Molybdenum	96-1	645.32	640.83	637.32	641.16	0.63	ppb
Molybdenum	97-1	626.09	630.86	626.98	627.98	0.40	ppb
Molybdenum	98-1	641.19	644.80	634.74	640.25	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.23	132.44	128.74	129.81	1.77	ppb
Phosphorus	31-2	2239.14	2628.71	2435.52	2434.46	8.00	ppb
Potassium	39-2	6144.10	6428.28	6289.87	6287.42	2.26	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	129.01	176.47	142.11	149.20	16.43	ppb
Selenium	78-2	142.04	135.32	118.70	132.02	9.10	ppb
Selenium	82-1	130.07	129.40	127.83	129.10	0.89	ppb
Silicon	28-1	150.37	147.45	146.07	147.96	1.48	ppb
Silver	109-1	132.51	131.72	130.53	131.59	0.76	ppb
Silver	107-1	132.54	131.33	130.52	131.46	0.77	ppb
Sodium	23-2	12581.98	13110.48	12834.03	12842.16	2.06	ppb
Strontium	86-1	126.14	126.01	125.60	125.92	0.23	ppb
Strontium	88-1	130.39	128.12	127.62	128.71	1.15	ppb
Sulfur	34-1	3002.07	2739.94	2661.68	2801.23	6.36	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	126.03	126.42	124.00	125.49	1.04	ppb
Thallium	205-1	129.41	128.92	126.86	128.40	1.05	ppb
Tin	118-1	129.10	128.36	128.26	128.58	0.35	ppb
Titanium	47-1	630.88	629.04	625.15	628.36	0.47	ppb
Uranium	238-1	129.12	126.74	125.96	127.27	1.29	ppb
Vanadium	51-2	124.77	128.64	126.71	126.71	1.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	257.42	268.85	264.02	263.43	2.18	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:39:03	DataFile Name :	007CALS_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	129.27	127.45	127.18	127.97	0.89	ppb
Zirconium	91-1	126.91	126.89	124.74	126.18	0.99	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:42:39	DataFile Name :	008CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4899.52	4920.87	4884.34	4901.58	0.37	ppb
Antimony	121-1	256.81	289.68	256.36	267.62	7.14	ppb
Arsenic	75-2	248.78	250.81	249.78	249.79	0.41	ppb
Barium	135-1	1292.90	1455.71	1282.28	1343.63	7.23	ppb
Barium	137-1	1272.73	1450.23	1297.48	1340.14	7.17	ppb
Beryllium	9-1	253.79	285.86	255.22	264.96	6.84	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	236.96	277.33	250.48	254.92	8.06	ppb
Boron	11-1	239.75	281.21	250.20	257.05	8.39	ppb
Cadmium	111-1	255.75	286.81	257.38	266.65	6.56	ppb
Cadmium	106-1	258.70	283.45	261.61	267.92	5.05	ppb
Cadmium	108-1	257.58	287.47	260.89	268.65	6.10	ppb
Calcium	43-1	24272.23	26937.43	24251.85	25153.84	6.14	ppb
Calcium	44-1	24140.08	26938.90	23976.50	25018.49	6.66	ppb
Chromium	52-2	244.76	252.88	247.17	248.27	1.68	ppb
Cobalt	59-2	247.08	253.45	246.72	249.08	1.52	ppb
Copper	63-2	492.10	504.44	495.06	497.20	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	12818.74	13052.19	12771.37	12880.77	1.17	ppb
Iron	57-2	12618.53	12905.91	12528.43	12684.29	1.55	ppb
Krypton	83-1						cps
Lead	206-1	243.44	278.34	247.31	256.37	7.46	ppb
Lead	207-1	240.97	274.72	245.93	253.87	7.18	ppb
Lead	208-1	247.26	280.45	251.68	259.80	6.94	ppb
Lithium	6-1				95		%
Magnesium	24-2	24736.05	25670.62	24706.75	25037.81	2.19	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:42:39	DataFile Name :	008CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	492.47	506.00	491.58	496.68	1.63	ppb
Molybdenum	94-1	1273.92	1414.99	1282.23	1323.71	5.98	ppb
Molybdenum	95-1	1257.25	1421.05	1271.08	1316.46	6.90	ppb
Molybdenum	96-1	1264.29	1416.95	1261.61	1314.29	6.77	ppb
Molybdenum	97-1	1262.99	1443.97	1274.91	1327.29	7.63	ppb
Molybdenum	98-1	1240.14	1425.17	1251.24	1305.52	7.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	247.92	254.57	251.02	251.17	1.33	ppb
Phosphorus	31-2	4869.84	4913.48	5273.25	5018.85	4.41	ppb
Potassium	39-2	11984.44	12291.50	12134.18	12136.71	1.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	230.01	311.16	216.89	252.69	20.21	ppb
Selenium	78-2	225.51	256.21	228.08	236.60	7.20	ppb
Selenium	82-1	254.06	283.66	258.77	265.50	5.99	ppb
Silicon	28-1	268.49	316.92	267.49	284.30	9.94	ppb
Silver	109-1	262.49	291.56	259.79	271.28	6.49	ppb
Silver	107-1	262.84	294.48	264.23	273.85	6.53	ppb
Sodium	23-2	24827.26	25596.78	25309.26	25244.43	1.54	ppb
Strontium	86-1	250.68	282.25	249.20	260.71	7.16	ppb
Strontium	88-1	252.34	282.72	250.10	261.72	6.96	ppb
Sulfur	34-1	5028.58	6920.33	4910.12	5619.67	20.07	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	245.74	283.95	250.86	260.18	7.97	ppb
Thallium	205-1	249.91	286.51	254.85	263.76	7.53	ppb
Tin	118-1	253.27	284.46	254.48	264.07	6.69	ppb
Titanium	47-1	1238.39	1374.21	1237.87	1283.49	6.12	ppb
Uranium	238-1	246.07	280.37	248.88	258.44	7.37	ppb
Vanadium	51-2	245.21	252.16	244.32	247.23	1.74	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	496.15	508.97	501.77	502.29	1.28	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:42:39	DataFile Name :	008CALS_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	253.96	284.81	254.26	264.34	6.71	ppb
Zirconium	91-1	247.30	274.91	250.09	257.43	5.90	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:46:09	DataFile Name :	009CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9860.87	9799.95	9579.05	9746.62	1.52	ppb
Antimony	121-1	505.51	503.80	506.88	505.40	0.31	ppb
Arsenic	75-2	500.91	493.47	498.35	497.58	0.76	ppb
Barium	135-1	2544.23	2533.48	2540.24	2539.31	0.21	ppb
Barium	137-1	2516.24	2532.70	2486.56	2511.83	0.93	ppb
Beryllium	9-1	500.37	499.49	498.67	499.51	0.17	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	487.29	489.39	497.37	491.35	1.08	ppb
Boron	11-1	489.39	494.15	497.08	493.54	0.79	ppb
Cadmium	111-1	506.41	502.52	502.14	503.69	0.47	ppb
Cadmium	106-1	499.41	506.19	508.36	504.65	0.93	ppb
Cadmium	108-1	508.13	509.08	497.80	505.01	1.24	ppb
Calcium	43-1	48199.12	48530.96	48602.56	48444.21	0.44	ppb
Calcium	44-1	48254.47	48474.59	48216.95	48315.33	0.29	ppb
Chromium	52-2	498.91	493.48	492.98	495.12	0.66	ppb
Cobalt	59-2	497.77	495.44	495.82	496.34	0.25	ppb
Copper	63-2	989.58	987.41	989.15	988.71	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	25726.49	25653.15	25533.92	25637.85	0.38	ppb
Iron	57-2	25354.47	25363.86	25402.55	25373.63	0.10	ppb
Krypton	83-1						cps
Lead	206-1	512.40	501.20	506.50	506.70	1.10	ppb
Lead	207-1	509.86	499.97	503.49	504.44	0.99	ppb
Lead	208-1	507.32	504.00	503.32	504.88	0.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	51052.43	50482.59	51141.20	50892.07	0.70	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:46:09	DataFile Name :	009CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.06	988.94	987.52	988.51	0.09	ppb
Molybdenum	94-1	2498.40	2473.27	2509.34	2493.67	0.74	ppb
Molybdenum	95-1	2509.64	2484.15	2486.32	2493.37	0.57	ppb
Molybdenum	96-1	2517.39	2484.85	2509.34	2503.86	0.68	ppb
Molybdenum	97-1	2517.43	2482.58	2523.28	2507.76	0.88	ppb
Molybdenum	98-1	2508.78	2471.47	2495.42	2491.89	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.07	499.17	500.00	499.41	0.10	ppb
Phosphorus	31-2	9596.98	9587.87	8933.62	9372.82	4.06	ppb
Potassium	39-2	24071.52	24256.96	24145.38	24157.95	0.39	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	563.24	401.33	521.72	495.43	16.97	ppb
Selenium	78-2	502.39	461.28	520.06	494.57	6.10	ppb
Selenium	82-1	503.17	503.33	503.47	503.32	0.03	ppb
Silicon	28-1	513.36	517.74	515.51	515.54	0.42	ppb
Silver	109-1	516.82	510.86	507.82	511.84	0.89	ppb
Silver	107-1	516.90	511.05	510.47	512.81	0.69	ppb
Sodium	23-2	50353.53	49473.15	49883.12	49903.27	0.88	ppb
Strontium	86-1	503.53	494.30	497.95	498.59	0.93	ppb
Strontium	88-1	504.15	489.15	495.40	496.23	1.52	ppb
Sulfur	34-1	9873.02	9743.68	9940.85	9852.52	1.02	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	511.76	508.63	505.12	508.51	0.65	ppb
Thallium	205-1	504.79	501.79	500.19	502.26	0.46	ppb
Tin	118-1	509.14	507.98	507.12	508.08	0.20	ppb
Titanium	47-1	2534.24	2545.39	2517.80	2532.48	0.55	ppb
Uranium	238-1	496.37	488.08	494.80	493.08	0.89	ppb
Vanadium	51-2	491.08	489.36	495.59	492.01	0.65	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1007.82	1001.47	999.23	1002.84	0.44	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:46:09	DataFile Name :	009CALS_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.11	497.65	506.46	501.07	0.94	ppb
Zirconium	91-1	494.28	492.66	495.94	494.29	0.33	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:49:35	DataFile Name :	010CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20014.75	19893.73	19614.10	19840.86	1.04	ppb
Antimony	121-1	994.41	966.75	1016.05	992.40	2.49	ppb
Arsenic	75-2	1015.06	997.77	990.09	1000.97	1.28	ppb
Barium	135-1	4919.77	4882.59	5060.90	4954.42	1.90	ppb
Barium	137-1	4950.79	4869.15	5082.35	4967.43	2.17	ppb
Beryllium	9-1	990.79	986.74	1010.23	995.92	1.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	973.42	1001.39	1035.51	1003.44	3.10	ppb
Boron	11-1	975.93	996.44	1032.40	1001.59	2.85	ppb
Cadmium	111-1	988.65	976.50	1014.33	993.16	1.94	ppb
Cadmium	106-1	984.56	969.85	1023.55	992.65	2.80	ppb
Cadmium	108-1	991.96	968.69	1015.47	992.04	2.36	ppb
Calcium	43-1	99973.25	97718.57	98838.29	98843.37	1.14	ppb
Calcium	44-1	96570.12	95302.57	98062.48	96645.06	1.43	ppb
Chromium	52-2	1007.89	1008.57	991.01	1002.49	0.99	ppb
Cobalt	59-2	1009.79	1006.31	988.70	1001.60	1.13	ppb
Copper	63-2	2050.28	1998.27	1967.19	2005.25	2.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	52390.66	52151.62	51162.06	51901.45	1.26	ppb
Iron	57-2	52190.15	51442.75	50637.03	51423.31	1.51	ppb
Krypton	83-1						cps
Lead	206-1	1002.81	977.94	1004.66	995.14	1.50	ppb
Lead	207-1	1002.55	981.43	1007.21	997.06	1.38	ppb
Lead	208-1	998.19	979.60	1007.66	995.15	1.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	103415.42	102861.40	100098.22	102125.01	1.74	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:49:35	DataFile Name :	010CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2021.99	2022.12	1974.09	2006.07	1.38	ppb
Molybdenum	94-1	4967.60	4947.07	5031.04	4981.90	0.88	ppb
Molybdenum	95-1	4988.57	4934.41	5032.01	4984.99	0.98	ppb
Molybdenum	96-1	4967.09	4956.09	5016.07	4979.75	0.64	ppb
Molybdenum	97-1	4959.33	4972.00	4997.71	4976.35	0.39	ppb
Molybdenum	98-1	4986.47	4982.61	4995.42	4988.16	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.28	999.66	986.98	999.30	1.22	ppb
Phosphorus	31-2	19728.59	20389.82	20824.52	20314.31	2.72	ppb
Potassium	39-2	49922.71	49432.00	48388.81	49247.84	1.59	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	1104.87	875.79	1014.68	998.44	11.56	ppb
Selenium	78-2	997.79	1003.90	1013.40	1005.03	0.78	ppb
Selenium	82-1	993.32	988.83	999.44	993.86	0.54	ppb
Silicon	28-1	977.72	969.15	993.32	980.06	1.25	ppb
Silver	109-1	990.24	970.86	1002.20	987.77	1.60	ppb
Silver	107-1	986.78	967.00	1006.16	986.65	1.98	ppb
Sodium	23-2	101908.40	101423.01	99103.79	100811.73	1.49	ppb
Strontium	86-1	1002.30	983.48	1007.81	997.87	1.28	ppb
Strontium	88-1	1000.98	992.20	1002.13	998.44	0.54	ppb
Sulfur	34-1	19887.16	19538.55	20169.86	19865.19	1.59	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	996.57	977.41	1005.38	993.12	1.44	ppb
Thallium	205-1	997.86	976.76	1010.17	994.93	1.70	ppb
Tin	118-1	988.41	972.92	1014.46	991.93	2.12	ppb
Titanium	47-1	4938.41	4907.27	5079.33	4975.00	1.84	ppb
Uranium	238-1	1004.69	980.50	1018.12	1001.11	1.90	ppb
Vanadium	51-2	1013.36	1006.73	993.35	1004.48	1.01	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	2012.99	1997.13	1978.18	1996.10	0.87	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:49:35	DataFile Name :	010CALS_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	995.91	988.43	1002.24	995.53	0.69	ppb
Zirconium	91-1	998.79	994.98	1008.93	1000.90	0.72	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:52:58	DataFile Name :	011CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102691.37	99410.51	98083.09	100061.66	2.37	ppb
Antimony	121-1	2.70	2.74	2.49	2.64	5.13	ppb
Arsenic	75-2	1.75	1.08	1.77	1.54	25.58	ppb
Barium	135-1	0.61	0.72	0.83	0.72	15.84	ppb
Barium	137-1	0.79	0.92	0.94	0.88	8.94	ppb
Beryllium	9-1	0.42	0.20	0.27	0.30	37.78	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	54.78	50.73	44.47	49.99	10.39	ppb
Boron	11-1	54.62	49.24	45.27	49.71	9.45	ppb
Cadmium	111-1	0.11	0.10	0.07	0.09	20.44	ppb
Cadmium	106-1	-1.39	-0.96	-1.01	-1.12		ppb
Cadmium	108-1	0.11	0.23	0.27	0.20	41.12	ppb
Calcium	43-1	495035.89	504848.83	501270.96	500385.23	0.99	ppb
Calcium	44-1	492435.30	507526.23	502566.83	500842.78	1.54	ppb
Chromium	52-2	39.16	37.77	36.55	37.82	3.45	ppb
Cobalt	59-2	12.06	11.59	11.37	11.67	3.00	ppb
Copper	63-2	3.43	3.29	3.25	3.32	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	257212.93	246073.67	245284.27	249523.62	2.67	ppb
Iron	57-2	256594.44	246901.50	245491.16	249662.37	2.42	ppb
Krypton	83-1						cps
Lead	206-1	5.55	5.80	5.66	5.67	2.24	ppb
Lead	207-1	5.23	5.16	5.34	5.24	1.73	ppb
Lead	208-1	5.43	5.50	5.40	5.44	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	511848.50	494935.52	491630.64	499471.55	2.17	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:52:58	DataFile Name :	011CAL5_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.99	8.97	8.84	8.93	0.94	ppb
Molybdenum	94-1	7.08	6.61	6.76	6.82	3.56	ppb
Molybdenum	95-1	9.53	9.17	8.77	9.16	4.11	ppb
Molybdenum	96-1	9.59	9.35	8.63	9.19	5.44	ppb
Molybdenum	97-1	9.08	9.41	8.90	9.13	2.84	ppb
Molybdenum	98-1	9.29	8.96	9.08	9.11	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.78	30.39	29.73	30.97	5.19	ppb
Phosphorus	31-2	-19.17	3.44	25.34	3.21	694.02	ppb
Potassium	39-2	255805.68	249795.75	245154.44	250251.96	2.13	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	17.24	5.75	173.21	ppb
Selenium	78-2	1.55	2.32	-1.16	0.90	202.68	ppb
Selenium	82-1	0.60	0.40	-0.23	0.26	169.72	ppb
Silicon	28-1	80.14	86.06	85.53	83.91	3.90	ppb
Silver	109-1	0.12	0.10	0.10	0.11	11.82	ppb
Silver	107-1	0.16	0.18	0.13	0.16	15.04	ppb
Sodium	23-2	512130.63	497566.09	489781.50	499826.07	2.27	ppb
Strontium	86-1	4.80	4.47	4.23	4.50	6.32	ppb
Strontium	88-1	4.45	4.58	4.55	4.53	1.49	ppb
Sulfur	34-1	-802.17	-508.49	-705.53	-672.06		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.56	0.55	0.54	0.55	1.26	ppb
Thallium	205-1	0.61	0.54	0.55	0.57	6.71	ppb
Tin	118-1	2.57	2.55	2.53	2.55	0.86	ppb
Titanium	47-1	2.99	2.39	2.71	2.69	11.25	ppb
Uranium	238-1	-0.02	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.41	0.32	0.37	0.37	12.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	16.90	16.78	15.77	16.48	3.76	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:52:58	DataFile Name :	011CALS_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.21	0.23	5.96	ppb
Zirconium	91-1	0.26	0.16	0.20	0.21	24.36	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:19:40	DataFile Name :	013ICV01_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.90	496.78	525.32	503.67	3.80	ppb
Antimony	121-1	188.12	188.93	192.46	189.84	1.22	ppb
Arsenic	75-2	191.22	189.93	189.68	190.28	0.43	ppb
Barium	135-1	97.43	97.83	97.70	97.65	0.21	ppb
Barium	137-1	97.76	97.75	99.14	98.22	0.82	ppb
Beryllium	9-1	96.98	96.36	99.14	97.49	1.49	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	477.75	512.86	520.09	503.57	4.50	ppb
Boron	11-1	494.47	510.99	529.62	511.69	3.44	ppb
Cadmium	111-1	102.67	101.18	104.13	102.66	1.44	ppb
Cadmium	106-1	162.80	160.18	170.62	164.53	3.30	ppb
Cadmium	108-1	130.05	132.22	133.13	131.80	1.20	ppb
Calcium	43-1	2039.97	2009.68	2092.46	2047.37	2.05	ppb
Calcium	44-1	1945.12	1934.20	1989.73	1956.35	1.50	ppb
Chromium	52-2	91.00	92.98	90.25	91.41	1.55	ppb
Cobalt	59-2	93.16	93.89	93.69	93.58	0.40	ppb
Copper	63-2	94.51	95.15	93.25	94.31	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	978.55	978.83	964.02	973.80	0.87	ppb
Iron	57-2	1011.30	936.42	950.27	965.99	4.12	ppb
Krypton	83-1						cps
Lead	206-1	190.12	189.21	193.92	191.08	1.31	ppb
Lead	207-1	180.48	181.77	183.97	182.07	0.97	ppb
Lead	208-1	190.26	188.58	191.36	190.07	0.74	ppb
Lithium	6-1				106		%
Magnesium	24-2	1101.50	1094.53	1119.44	1105.15	1.16	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:19:40	DataFile Name :	013ICV01_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	91.35	93.65	90.61	91.87	1.73	ppb
Molybdenum	94-1	1144.68	1153.18	1147.62	1148.49	0.38	ppb
Molybdenum	95-1	528.91	536.65	534.57	533.38	0.75	ppb
Molybdenum	96-1	613.77	614.38	607.67	611.94	0.61	ppb
Molybdenum	97-1	517.29	520.43	518.69	518.80	0.30	ppb
Molybdenum	98-1	535.40	528.91	528.90	531.07	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.58	95.15	94.07	94.60	0.57	ppb
Phosphorus	31-2	24.31	2.73	-19.17	2.62	828.11	ppb
Potassium	39-2	1880.85	1947.25	1872.91	1900.34	2.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	219.08	234.19	202.52	218.59	7.25	ppb
Selenium	78-2	177.10	190.03	180.74	182.62	3.65	ppb
Selenium	82-1	195.14	197.12	198.02	196.76	0.75	ppb
Silicon	28-1	-0.52	1.08	3.07	1.21	148.30	ppb
Silver	109-1	91.27	89.45	91.72	90.81	1.32	ppb
Silver	107-1	91.29	90.28	91.25	90.94	0.63	ppb
Sodium	23-2	1904.55	1930.43	1920.71	1918.56	0.68	ppb
Strontium	86-1	502.06	504.87	509.42	505.45	0.73	ppb
Strontium	88-1	505.16	504.45	507.89	505.84	0.36	ppb
Sulfur	34-1	-1058.23	-1065.00	-940.69	-1021.31		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	194.86	193.04	197.60	195.16	1.18	ppb
Thallium	205-1	201.23	198.84	201.15	200.41	0.68	ppb
Tin	118-1	532.86	525.87	533.75	530.83	0.81	ppb
Titanium	47-1	507.18	505.37	512.31	508.29	0.71	ppb
Uranium	238-1	488.59	486.14	495.94	490.22	1.04	ppb
Vanadium	51-2	91.40	92.85	91.71	91.99	0.83	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	193.46	195.02	190.52	193.00	1.19	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:19:40	DataFile Name :	013ICV01_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.89	507.19	510.12	507.07	0.61	ppb
Zirconium	91-1	494.41	499.39	500.08	497.96	0.62	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:58:29	DataFile Name :	017LLIC_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.64	19.00	15.84	18.50	13.19	ppb
Antimony	121-1	1.93	1.98	1.94	1.95	1.24	ppb
Arsenic	75-2	1.07	1.13	1.12	1.11	2.60	ppb
Barium	135-1	9.47	9.23	9.64	9.45	2.20	ppb
Barium	137-1	10.03	9.22	9.44	9.56	4.41	ppb
Beryllium	9-1	0.91	0.83	0.88	0.87	4.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	24.59	25.20	23.88	24.56	2.68	ppb
Boron	11-1	25.48	24.67	24.51	24.88	2.10	ppb
Cadmium	111-1	0.94	0.76	0.85	0.85	10.80	ppb
Cadmium	106-1	1.30	-0.34	-0.78	0.06	1857.29	ppb
Cadmium	108-1	1.32	0.73	1.13	1.06	28.14	ppb
Calcium	43-1	456.87	425.33	463.81	448.67	4.57	ppb
Calcium	44-1	444.18	437.01	447.86	443.02	1.25	ppb
Chromium	52-2	1.75	2.01	1.75	1.84	8.02	ppb
Cobalt	59-2	0.85	0.86	0.79	0.84	4.63	ppb
Copper	63-2	1.76	1.77	1.79	1.77	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	49.21	50.45	49.91	49.86	1.25	ppb
Iron	57-2	54.03	44.73	55.72	51.49	11.49	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.82	0.85	0.84	1.92	ppb
Lead	207-1	0.86	0.80	0.86	0.84	3.95	ppb
Lead	208-1	0.85	0.84	0.86	0.85	0.93	ppb
Lithium	6-1				107		%
Magnesium	24-2	480.88	469.84	475.47	475.40	1.16	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:58:29	DataFile Name :	017LLIC_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.73	1.06	0.98	0.92	18.79	ppb
Molybdenum	94-1	4.88	4.96	4.97	4.94	1.00	ppb
Molybdenum	95-1	4.61	4.49	4.53	4.54	1.29	ppb
Molybdenum	96-1	4.59	4.62	4.65	4.62	0.69	ppb
Molybdenum	97-1	4.46	4.50	4.79	4.58	3.86	ppb
Molybdenum	98-1	4.54	4.54	4.53	4.54	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.76	0.88	0.83	7.81	ppb
Phosphorus	31-2	2.28	3.27	-19.17	-4.54		ppb
Potassium	39-2	439.18	494.64	495.58	476.47	6.78	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	11.29	3.76	173.21	ppb
Selenium	78-2	3.93	3.98	3.08	3.66	13.83	ppb
Selenium	82-1	4.50	5.79	4.56	4.95	14.77	ppb
Silicon	28-1	4.11	2.02	3.62	3.25	33.57	ppb
Silver	109-1	1.04	1.02	0.98	1.02	3.31	ppb
Silver	107-1	1.00	0.94	1.00	0.98	3.29	ppb
Sodium	23-2	495.99	492.04	493.07	493.70	0.42	ppb
Strontium	86-1	0.91	0.89	0.86	0.89	2.68	ppb
Strontium	88-1	0.97	0.95	0.93	0.95	2.12	ppb
Sulfur	34-1	-1381.08	-1367.47	-1123.79	-1290.78		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.95	0.92	0.95	0.94	1.65	ppb
Thallium	205-1	0.95	0.89	0.95	0.93	3.74	ppb
Tin	118-1	4.76	4.67	4.74	4.72	0.95	ppb
Titanium	47-1	4.48	4.64	4.83	4.65	3.79	ppb
Uranium	238-1	0.82	0.81	0.83	0.82	1.48	ppb
Vanadium	51-2	4.40	4.55	4.35	4.43	2.38	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2.77	2.98	2.77	2.84	4.23	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:58:29	DataFile Name :	017LLIC_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.06	1.11	1.13	1.10	3.17	ppb
Zirconium	91-1	1.05	1.16	1.06	1.09	5.14	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:01:49	DataFile Name :	018CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-1.42	1.42	0.04	3338.48	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	7.95	ppb
Arsenic	75-2	-0.12	-0.15	-0.17	-0.15		ppb
Barium	135-1	-0.07	-0.08	-0.07	-0.07		ppb
Barium	137-1	-0.08	-0.07	-0.09	-0.08		ppb
Beryllium	9-1	-0.10	-0.10	-0.10	-0.10		ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	5.37	5.30	4.14	4.94	14.01	ppb
Boron	11-1	5.35	4.51	5.14	5.00	8.79	ppb
Cadmium	111-1	-0.23	-0.18	-0.16	-0.19		ppb
Cadmium	106-1	-2.53	-1.76	-1.63	-1.97		ppb
Cadmium	108-1	-0.04	0.00	-0.15	-0.06		ppb
Calcium	43-1	-9.46	-5.58	-7.16	-7.40		ppb
Calcium	44-1	1.12	1.22	-1.61	0.24	669.07	ppb
Chromium	52-2	0.09	-0.10	-0.05	-0.02		ppb
Cobalt	59-2	-0.08	-0.11	-0.08	-0.09		ppb
Copper	63-2	-0.13	-0.12	-0.09	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	0.75	0.38	0.41	0.51	39.62	ppb
Iron	57-2	-1.68	2.07	0.46	0.28	667.32	ppb
Krypton	83-1						cps
Lead	206-1	-0.08	-0.07	-0.06	-0.07		ppb
Lead	207-1	-0.07	-0.09	-0.08	-0.08		ppb
Lead	208-1	-0.08	-0.08	-0.08	-0.08		ppb
Lithium	6-1				100		%
Magnesium	24-2	3.03	5.89	1.23	3.38	69.56	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:01:49	DataFile Name :	018CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.13	-0.10	-0.09		ppb
Molybdenum	94-1	0.03	0.09	0.03	0.05	64.27	ppb
Molybdenum	95-1	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.07	-0.05	-0.05	-0.05		ppb
Molybdenum	97-1	-0.01	-0.04	-0.05	-0.03		ppb
Molybdenum	98-1	-0.04	-0.02	-0.06	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.12	-0.08		ppb
Phosphorus	31-2	4.75	3.25	3.90	3.96	18.97	ppb
Potassium	39-2	15.50	3.62	8.04	9.05	66.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.65	-1.16	0.58	0.02	4789.88	ppb
Selenium	82-1	0.02	-0.55	-0.23	-0.25		ppb
Silicon	28-1	-3.78	-0.32	-3.35	-2.48		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	28.56	32.71	27.74	29.67	8.98	ppb
Strontium	86-1	0.00	-0.05	0.05	0.00	2385.33	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	70.18	ppb
Sulfur	34-1	-647.64	-364.63	-272.84	-428.37		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.10	0.11	0.08	0.09	16.76	ppb
Titanium	47-1	0.00	0.10	0.09	0.06	83.95	ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.05	-0.06	-0.05	-0.05		ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.33	0.30	0.41	0.35	16.02	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:01:49	DataFile Name :	018CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	7.21	ppb
Zirconium	91-1	0.05	0.04	0.02	0.04	39.72	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:05:10	DataFile Name :	019ICSA01_P8071718M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87208.05	88412.76	88313.35	87978.05	0.76	ppb
Antimony	121-1	1.05	1.30	1.13	1.16	11.01	ppb
Arsenic	75-2	0.24	0.15	0.05	0.14	66.73	ppb
Barium	135-1	1.32	1.44	1.38	1.38	4.19	ppb
Barium	137-1	1.27	1.55	1.39	1.40	10.24	ppb
Beryllium	9-1	0.15	0.25	0.24	0.21	25.78	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	3.91	5.33	4.63	4.62	15.29	ppb
Boron	11-1	5.96	6.81	5.85	6.21	8.44	ppb
Cadmium	111-1	0.09	0.13	0.03	0.08	60.66	ppb
Cadmium	106-1	-2.43	-2.42	-3.15	-2.67		ppb
Cadmium	108-1	9.11	11.39	9.25	9.92	12.86	ppb
Calcium	43-1	90168.89	102859.91	94727.81	95918.87	6.70	ppb
Calcium	44-1	89541.59	101677.92	92110.26	94443.26	6.77	ppb
Chromium	52-2	18.90	18.88	19.59	19.12	2.09	ppb
Cobalt	59-2	0.97	0.96	0.89	0.94	4.51	ppb
Copper	63-2	6.94	7.12	7.60	7.22	4.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	97745.01	99661.10	99587.26	98997.79	1.10	ppb
Iron	57-2	96729.09	98470.02	98149.54	97782.88	0.95	ppb
Krypton	83-1						cps
Lead	206-1	4.41	4.99	4.38	4.60	7.48	ppb
Lead	207-1	3.82	4.48	3.91	4.07	8.84	ppb
Lead	208-1	4.08	4.69	4.12	4.30	7.93	ppb
Lithium	6-1				90		%
Magnesium	24-2	94569.05	96844.37	96880.26	96097.89	1.38	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:05:10	DataFile Name :	019ICSA01_P8071718M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.99	7.48	7.40	7.29	3.64	ppb
Molybdenum	94-1	1308.34	1456.12	1318.67	1361.04	6.06	ppb
Molybdenum	95-1	1847.01	2091.06	1884.47	1940.85	6.77	ppb
Molybdenum	96-1	1795.67	2045.91	1839.32	1893.63	7.06	ppb
Molybdenum	97-1	1879.11	2126.54	1895.64	1967.10	7.03	ppb
Molybdenum	98-1	1839.75	2090.01	1888.04	1939.27	6.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.88	5.17	4.86	4.97	3.52	ppb
Phosphorus	31-2	92715.30	96033.56	95078.00	94608.95	1.81	ppb
Potassium	39-2	93031.65	94499.45	95125.28	94218.80	1.14	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	-1.16	0.75	-0.53		ppb
Selenium	82-1	-0.43	-1.04	-0.19	-0.56		ppb
Silicon	28-1	28.10	40.52	28.91	32.51	21.38	ppb
Silver	109-1	0.04	0.04	0.05	0.04	18.35	ppb
Silver	107-1	0.02	0.04	0.04	0.04	30.13	ppb
Sodium	23-2	96909.44	97292.74	98605.78	97602.65	0.91	ppb
Strontium	86-1	31.31	35.07	32.03	32.80	6.09	ppb
Strontium	88-1	31.97	36.17	32.59	33.58	6.76	ppb
Sulfur	34-1	74228.84	85125.95	75124.34	78159.71	7.74	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.03	0.03	0.02	51.09	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	29.00	ppb
Tin	118-1	0.23	0.31	0.26	0.27	16.05	ppb
Titanium	47-1	1905.10	2170.70	1947.32	2007.71	7.11	ppb
Uranium	238-1	-0.08	-0.08	-0.09	-0.08		ppb
Vanadium	51-2	0.04	0.07	0.10	0.07	48.86	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	11.41	10.27	11.99	11.23	7.78	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:05:10	DataFile Name :	019ICSA01_P8071718M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.78	0.72	0.54	0.68	17.97	ppb
Zirconium	91-1	0.76	0.67	0.57	0.67	14.53	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:08:25	DataFile Name :	020ICSB_P8071718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86024.77	85597.66	93791.35	88471.26	5.21	ppb
Antimony	121-1	20.75	20.51	20.15	20.47	1.47	ppb
Arsenic	75-2	18.85	19.54	20.40	19.59	3.95	ppb
Barium	135-1	20.83	21.01	21.03	20.96	0.53	ppb
Barium	137-1	21.19	21.20	20.90	21.10	0.81	ppb
Beryllium	9-1	19.90	19.95	19.91	19.92	0.14	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	58.99	60.74	63.21	60.98	3.48	ppb
Boron	11-1	60.85	64.02	64.80	63.22	3.31	ppb
Cadmium	111-1	19.20	19.95	19.30	19.49	2.09	ppb
Cadmium	106-1	19.46	23.12	21.53	21.37	8.61	ppb
Cadmium	108-1	31.71	29.99	30.94	30.88	2.78	ppb
Calcium	43-1	94074.56	94587.53	90479.48	93047.19	2.41	ppb
Calcium	44-1	92911.12	91985.57	91244.53	92047.07	0.91	ppb
Chromium	52-2	37.57	36.77	42.11	38.82	7.41	ppb
Cobalt	59-2	20.52	19.59	21.96	20.69	5.77	ppb
Copper	63-2	26.14	26.63	29.39	27.39	6.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	96965.58	96127.83	105848.76	99647.39	5.41	ppb
Iron	57-2	95858.24	94746.42	105444.08	98682.92	5.96	ppb
Krypton	83-1						cps
Lead	206-1	24.31	24.19	24.43	24.31	0.51	ppb
Lead	207-1	22.36	22.18	21.84	22.13	1.18	ppb
Lead	208-1	23.25	23.04	22.97	23.09	0.63	ppb
Lithium	6-1				92		%
Magnesium	24-2	94606.66	92622.80	101822.72	96350.72	5.02	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:08:25	DataFile Name :	020ICSB_P8071718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.43	25.91	29.21	27.52	6.00	ppb
Molybdenum	94-1	1463.62	1425.84	1440.64	1443.37	1.32	ppb
Molybdenum	95-1	1962.80	1922.38	1941.77	1942.31	1.04	ppb
Molybdenum	96-1	1880.04	1856.76	1881.67	1872.82	0.74	ppb
Molybdenum	97-1	1989.65	1950.32	1953.92	1964.63	1.11	ppb
Molybdenum	98-1	1962.36	1936.59	1927.63	1942.19	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.93	23.41	25.84	24.39	5.24	ppb
Phosphorus	31-2	91118.75	92181.01	102706.64	95335.47	6.72	ppb
Potassium	39-2	94659.24	91863.71	101780.15	96101.03	5.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	12.47	12.35	33.74	19.52	63.08	ppb
Selenium	78-2	18.52	18.33	19.13	18.66	2.24	ppb
Selenium	82-1	18.31	18.90	19.20	18.81	2.41	ppb
Silicon	28-1	86.86	84.92	85.24	85.67	1.21	ppb
Silver	109-1	18.90	18.85	18.44	18.73	1.35	ppb
Silver	107-1	18.45	18.50	18.72	18.56	0.79	ppb
Sodium	23-2	95266.78	94809.93	103708.27	97928.33	5.12	ppb
Strontium	86-1	86.02	83.87	84.26	84.72	1.35	ppb
Strontium	88-1	86.87	86.23	85.43	86.18	0.84	ppb
Sulfur	34-1	74845.14	73925.01	73042.95	73937.70	1.22	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	19.67	19.75	19.95	19.79	0.74	ppb
Thallium	205-1	20.15	20.27	20.13	20.18	0.36	ppb
Tin	118-1	54.39	53.86	53.50	53.92	0.84	ppb
Titanium	47-1	2013.15	1989.39	1963.34	1988.63	1.25	ppb
Uranium	238-1	54.69	53.95	53.76	54.13	0.90	ppb
Vanadium	51-2	18.39	19.31	20.71	19.47	5.99	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	29.76	28.67	31.85	30.09	5.36	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:08:25	DataFile Name :	020ICSB_P8071718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	54.24	53.68	53.54	53.82	0.69	ppb
Zirconium	91-1	52.98	52.26	52.28	52.51	0.79	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:11:40	DataFile Name :	021CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50000.90	48264.02	47292.22	48519.05	2.83	ppb
Antimony	121-1	496.53	501.63	506.27	501.48	0.97	ppb
Arsenic	75-2	497.35	482.44	483.45	487.75	1.71	ppb
Barium	135-1	2501.38	2537.03	2548.87	2529.09	0.98	ppb
Barium	137-1	2487.29	2504.45	2531.78	2507.84	0.89	ppb
Beryllium	9-1	518.69	506.42	510.76	511.95	1.22	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	513.16	514.82	524.85	517.61	1.22	ppb
Boron	11-1	503.36	513.47	519.70	512.17	1.61	ppb
Cadmium	111-1	486.81	487.13	485.69	486.54	0.16	ppb
Cadmium	106-1	498.42	482.56	481.33	487.44	1.95	ppb
Cadmium	108-1	481.57	488.81	499.61	490.00	1.85	ppb
Calcium	43-1	239968.04	236220.79	234763.15	236983.99	1.13	ppb
Calcium	44-1	239746.93	236112.92	237726.04	237861.96	0.77	ppb
Chromium	52-2	511.16	495.18	489.72	498.69	2.23	ppb
Cobalt	59-2	492.37	477.33	468.52	479.41	2.52	ppb
Copper	63-2	947.67	919.98	895.83	921.16	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	126929.63	123372.07	121276.57	123859.42	2.31	ppb
Iron	57-2	127852.52	122415.38	120823.35	123697.08	2.98	ppb
Krypton	83-1						cps
Lead	206-1	513.55	505.80	508.51	509.29	0.77	ppb
Lead	207-1	511.15	502.74	510.52	508.14	0.92	ppb
Lead	208-1	513.36	505.54	510.72	509.87	0.78	ppb
Lithium	6-1				93		%
Magnesium	24-2	247102.97	240394.98	239686.17	242394.71	1.69	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:11:40	DataFile Name :	021CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.01	974.09	961.15	980.75	2.41	ppb
Molybdenum	94-1	2470.14	2497.87	2463.77	2477.26	0.73	ppb
Molybdenum	95-1	2458.30	2487.21	2471.86	2472.46	0.58	ppb
Molybdenum	96-1	2452.41	2484.15	2481.71	2472.76	0.71	ppb
Molybdenum	97-1	2476.98	2483.46	2474.23	2478.22	0.19	ppb
Molybdenum	98-1	2455.54	2475.85	2491.52	2474.30	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.29	476.97	471.00	480.42	2.40	ppb
Phosphorus	31-2	9588.72	9738.08	9640.86	9655.89	0.79	ppb
Potassium	39-2	127554.16	122881.52	120459.72	123631.80	2.92	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	437.28	491.25	443.64	457.39	6.45	ppb
Selenium	78-2	464.75	459.03	483.68	469.15	2.75	ppb
Selenium	82-1	482.30	487.15	487.57	485.67	0.60	ppb
Silicon	28-1	506.70	508.66	505.19	506.85	0.34	ppb
Silver	109-1	493.88	495.51	503.86	497.75	1.08	ppb
Silver	107-1	497.66	500.33	502.57	500.19	0.49	ppb
Sodium	23-2	252148.75	246706.45	239505.80	246120.33	2.58	ppb
Strontium	86-1	494.76	497.27	495.04	495.69	0.28	ppb
Strontium	88-1	496.38	498.80	498.99	498.05	0.29	ppb
Sulfur	34-1	8522.44	8196.79	8314.70	8344.64	1.98	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	521.52	507.09	514.24	514.28	1.40	ppb
Thallium	205-1	511.30	503.30	507.07	507.22	0.79	ppb
Tin	118-1	507.37	511.77	511.83	510.32	0.50	ppb
Titanium	47-1	2537.60	2494.25	2483.74	2505.20	1.14	ppb
Uranium	238-1	509.25	502.88	503.82	505.31	0.68	ppb
Vanadium	51-2	505.84	488.46	479.46	491.25	2.73	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	960.91	928.18	906.71	931.93	2.93	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:11:40	DataFile Name :	021CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.08	501.76	500.42	499.76	0.48	ppb
Zirconium	91-1	487.28	490.10	488.10	488.50	0.30	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:18:34	DataFile Name :	022CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	1.17	5.06	2.02	134.63	ppb
Antimony	121-1	0.28	0.30	0.32	0.30	7.23	ppb
Arsenic	75-2	-0.15	-0.11	-0.11	-0.12		ppb
Barium	135-1	-0.07	-0.08	-0.08	-0.08		ppb
Barium	137-1	-0.09	-0.07	-0.07	-0.08		ppb
Beryllium	9-1	-0.01	-0.10	-0.05	-0.05		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	5.86	6.00	6.40	6.09	4.61	ppb
Boron	11-1	6.73	7.72	6.32	6.92	10.39	ppb
Cadmium	111-1	-0.28	-0.20	-0.19	-0.23		ppb
Cadmium	106-1	-3.42	-2.39	-2.12	-2.64		ppb
Cadmium	108-1	-0.04	-0.04	0.07	0.00		ppb
Calcium	43-1	-4.34	-8.10	-8.57	-7.00		ppb
Calcium	44-1	1.72	1.59	-0.05	1.09	90.67	ppb
Chromium	52-2	-0.08	-0.13	-0.13	-0.11		ppb
Cobalt	59-2	-0.11	-0.11	-0.12	-0.11		ppb
Copper	63-2	-0.07	-0.09	-0.13	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	2.17	2.19	2.33	2.23	3.88	ppb
Iron	57-2	0.22	1.49	2.68	1.46	84.32	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.02	-0.04	-0.03		ppb
Lead	207-1	-0.04	-0.05	-0.03	-0.04		ppb
Lead	208-1	-0.04	-0.04	-0.04	-0.04		ppb
Lithium	6-1				103		%
Magnesium	24-2	2.63	3.28	2.66	2.86	12.87	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:18:34	DataFile Name :	022CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.15	-0.12	-0.15	-0.14		ppb
Molybdenum	94-1	0.35	0.29	0.28	0.31	12.59	ppb
Molybdenum	95-1	0.37	0.35	0.33	0.35	5.21	ppb
Molybdenum	96-1	0.38	0.33	0.23	0.31	24.56	ppb
Molybdenum	97-1	0.34	0.29	0.30	0.31	8.63	ppb
Molybdenum	98-1	0.35	0.31	0.26	0.31	15.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.16	-0.19	-0.20		ppb
Phosphorus	31-2	-19.17	45.92	-19.17	2.53	1485.27	ppb
Potassium	39-2	17.27	29.79	15.16	20.74	38.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	5.51	0.00	0.00	1.84	173.21	ppb
Selenium	78-2	-1.16	2.20	-1.16	-0.04		ppb
Selenium	82-1	-0.49	0.10	-0.49	-0.29		ppb
Silicon	28-1	-10.54	-9.50	-10.20	-10.08		ppb
Silver	109-1	0.03	0.01	0.02	0.02	49.80	ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.37	ppb
Sodium	23-2	55.26	58.20	56.98	56.81	2.61	ppb
Strontium	86-1	0.01	-0.07	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	50.60	ppb
Sulfur	34-1	-1672.70	-1835.49	-1832.01	-1780.07		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.01	0.02	45.94	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	47.24	ppb
Tin	118-1	0.11	0.09	0.09	0.10	16.05	ppb
Titanium	47-1	0.06	0.12	0.10	0.10	30.13	ppb
Uranium	238-1	-0.09	-0.09	-0.09	-0.09		ppb
Vanadium	51-2	-0.07	-0.04	-0.06	-0.06		ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.01	-0.03	-0.01	-0.01		ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:18:34	DataFile Name :	022CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.08	0.06	0.06	18.48	ppb
Zirconium	91-1	0.09	0.04	0.05	0.06	41.81	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:21:54	DataFile Name :	023LLCC_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.90	17.57	11.63	18.70	41.18	ppb
Antimony	121-1	2.02	2.02	2.06	2.03	1.14	ppb
Arsenic	75-2	1.09	1.14	1.18	1.14	4.02	ppb
Barium	135-1	9.78	9.45	9.53	9.59	1.74	ppb
Barium	137-1	9.58	9.56	9.52	9.55	0.29	ppb
Beryllium	9-1	0.92	1.01	1.02	0.98	5.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	26.13	29.66	27.96	27.92	6.31	ppb
Boron	11-1	24.99	25.05	26.53	25.52	3.41	ppb
Cadmium	111-1	0.66	0.86	0.75	0.76	13.13	ppb
Cadmium	106-1	-2.14	-0.23	-1.35	-1.24		ppb
Cadmium	108-1	0.86	0.70	0.96	0.84	15.80	ppb
Calcium	43-1	441.11	461.15	451.03	451.10	2.22	ppb
Calcium	44-1	439.50	454.23	454.57	449.43	1.91	ppb
Chromium	52-2	1.84	1.85	1.99	1.89	4.48	ppb
Cobalt	59-2	0.88	0.81	0.85	0.84	4.24	ppb
Copper	63-2	1.71	1.82	1.78	1.77	3.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	52.30	50.26	51.88	51.48	2.10	ppb
Iron	57-2	54.78	57.12	52.35	54.75	4.35	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.88	0.87	0.89	3.51	ppb
Lead	207-1	0.97	0.88	0.92	0.92	4.60	ppb
Lead	208-1	0.91	0.90	0.90	0.90	1.02	ppb
Lithium	6-1				107		%
Magnesium	24-2	494.09	455.62	462.83	470.85	4.34	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:21:54	DataFile Name :	023LLCC_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	1.00	0.81	0.88	11.65	ppb
Molybdenum	94-1	4.92	5.09	4.98	5.00	1.68	ppb
Molybdenum	95-1	4.81	4.76	4.71	4.76	1.06	ppb
Molybdenum	96-1	4.98	4.72	4.66	4.78	3.53	ppb
Molybdenum	97-1	4.51	4.70	4.48	4.56	2.60	ppb
Molybdenum	98-1	4.76	4.63	4.69	4.69	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.93	0.83	0.87	5.99	ppb
Phosphorus	31-2	23.40	-19.17	24.03	9.42	262.76	ppb
Potassium	39-2	495.34	495.76	511.84	500.98	1.88	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	10.70	10.80	5.47	8.99	33.96	ppb
Selenium	78-2	6.08	2.90	7.07	5.35	40.75	ppb
Selenium	82-1	4.39	4.36	3.69	4.15	9.46	ppb
Silicon	28-1	0.96	2.75	3.33	2.35	52.55	ppb
Silver	109-1	1.01	1.01	1.03	1.02	1.21	ppb
Silver	107-1	1.03	1.01	1.04	1.03	1.35	ppb
Sodium	23-2	518.74	502.64	527.79	516.39	2.47	ppb
Strontium	86-1	0.94	0.92	0.90	0.92	1.97	ppb
Strontium	88-1	0.97	0.95	0.97	0.96	0.72	ppb
Sulfur	34-1	-2098.78	-1897.61	-1635.32	-1877.24		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.02	0.96	0.94	0.97	4.21	ppb
Thallium	205-1	0.97	0.97	0.93	0.96	1.94	ppb
Tin	118-1	4.78	4.84	4.76	4.79	0.84	ppb
Titanium	47-1	4.93	4.63	4.81	4.79	3.14	ppb
Uranium	238-1	0.82	0.77	0.81	0.80	3.23	ppb
Vanadium	51-2	4.83	4.37	4.70	4.63	5.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	2.62	2.50	3.06	2.73	10.75	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:21:54	DataFile Name :	023LLCC_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.19	1.14	1.21	1.18	3.16	ppb
Zirconium	91-1	1.28	1.21	1.11	1.20	7.48	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-03DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0040DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:25:14	DataFile Name :	024SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.66	-0.15	5.03	2.85	94.32	ppb
Antimony	121-1	0.11	0.10	0.11	0.11	5.24	ppb
Arsenic	75-2	2.38	1.98	2.46	2.27	11.34	ppb
Barium	135-1	1.29	1.19	1.18	1.22	4.85	ppb
Barium	137-1	1.26	1.19	1.18	1.21	3.64	ppb
Beryllium	9-1	-0.02	-0.07	-0.07	-0.05		ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	5.65	6.34	5.44	5.81	8.15	ppb
Boron	11-1	5.48	6.70	5.20	5.79	13.83	ppb
Cadmium	111-1	-0.21	-0.20	-0.11	-0.17		ppb
Cadmium	106-1	-2.40	-2.09	-0.97	-1.82		ppb
Cadmium	108-1	-0.12	0.01	-0.08	-0.06		ppb
Calcium	43-1	5465.21	5916.59	5501.63	5627.81	4.46	ppb
Calcium	44-1	5677.73	6032.16	5597.19	5769.03	4.01	ppb
Chromium	52-2	0.75	0.80	0.73	0.76	5.06	ppb
Cobalt	59-2	1.72	1.81	1.73	1.75	2.73	ppb
Copper	63-2	2.46	2.50	2.40	2.45	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	3851.11	3896.10	3851.80	3866.33	0.67	ppb
Iron	57-2	3688.87	3813.13	3735.53	3745.84	1.68	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.18	0.21	11.67	ppb
Lead	207-1	0.21	0.19	0.17	0.19	9.28	ppb
Lead	208-1	0.22	0.18	0.17	0.19	14.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	2551.16	2522.45	2510.55	2528.05	0.83	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-03DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0040DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:25:14	DataFile Name :	024SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	754.28	770.99	764.65	763.31	1.11	ppb
Molybdenum	94-1	0.24	0.17	0.16	0.19	21.31	ppb
Molybdenum	95-1	0.11	0.16	0.09	0.12	30.45	ppb
Molybdenum	96-1	0.05	0.10	0.04	0.06	41.45	ppb
Molybdenum	97-1	0.18	0.10	0.10	0.12	36.20	ppb
Molybdenum	98-1	0.10	0.10	0.07	0.09	18.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.39	1.15	1.09	1.21	12.81	ppb
Phosphorus	31-2	23.27	2.48	-19.17	2.19	967.00	ppb
Potassium	39-2	528.41	530.76	482.32	513.83	5.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	-1.16	-1.16	-1.16		ppb
Selenium	82-1	-0.62	-0.18	0.21	-0.20		ppb
Silicon	28-1	718.26	789.48	724.87	744.21	5.29	ppb
Silver	109-1	0.04	0.04	0.02	0.03	31.86	ppb
Silver	107-1	0.04	0.03	0.04	0.04	14.74	ppb
Sodium	23-2	18545.66	18847.63	18862.61	18751.97	0.95	ppb
Strontium	86-1	67.00	71.16	66.22	68.13	3.90	ppb
Strontium	88-1	68.16	72.69	67.09	69.32	4.29	ppb
Sulfur	34-1	18870.99	21535.10	19022.19	19809.42	7.55	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.05	0.01	0.02	137.31	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	68.39	ppb
Tin	118-1	0.06	0.05	0.03	0.05	26.98	ppb
Titanium	47-1	0.16	0.21	0.22	0.20	15.34	ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.95	0.75	1.38	1.03	31.54	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-03DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0040DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:25:14	DataFile Name :	024SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.06	0.07	12.15	ppb
Zirconium	91-1	0.10	0.08	0.07	0.08	19.48	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-04DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0041DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:28:32	DataFile Name :	025SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.69	5.16	3.89	3.91	31.54	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	3.97	ppb
Arsenic	75-2	2.21	2.12	1.92	2.08	7.06	ppb
Barium	135-1	1.10	1.23	1.19	1.17	5.93	ppb
Barium	137-1	1.11	1.18	1.19	1.16	3.56	ppb
Beryllium	9-1	-0.09	-0.06	-0.05	-0.07		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	4.97	4.55	4.53	4.68	5.34	ppb
Boron	11-1	4.43	5.04	4.37	4.62	7.96	ppb
Cadmium	111-1	-0.30	-0.17	-0.27	-0.25		ppb
Cadmium	106-1	-3.70	-1.82	-3.20	-2.91		ppb
Cadmium	108-1	-0.15	0.00	-0.08	-0.08		ppb
Calcium	43-1	5384.25	5686.13	5345.97	5472.11	3.41	ppb
Calcium	44-1	5421.47	5714.70	5336.25	5490.81	3.62	ppb
Chromium	52-2	0.85	0.80	0.80	0.82	2.88	ppb
Cobalt	59-2	1.65	1.65	1.66	1.65	0.33	ppb
Copper	63-2	0.33	0.20	0.35	0.29	27.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	3731.66	3663.63	3765.40	3720.23	1.39	ppb
Iron	57-2	3566.44	3518.75	3665.17	3583.45	2.08	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.07	0.08	15.47	ppb
Lead	207-1	0.09	0.07	0.09	0.08	9.45	ppb
Lead	208-1	0.10	0.08	0.08	0.09	17.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	2512.23	2384.51	2421.20	2439.32	2.70	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-04DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0041DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:28:32	DataFile Name :	025SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	743.41	736.45	749.36	743.07	0.87	ppb
Molybdenum	94-1	0.13	0.15	0.11	0.13	15.46	ppb
Molybdenum	95-1	0.06	0.09	0.05	0.06	32.84	ppb
Molybdenum	96-1	0.05	0.05	0.09	0.06	44.01	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	24.16	ppb
Molybdenum	98-1	0.04	0.05	0.06	0.05	12.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	0.91	1.23	1.11	15.39	ppb
Phosphorus	31-2	3.37	24.46	-19.17	2.89	755.63	ppb
Potassium	39-2	491.17	440.83	456.47	462.82	5.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	3.07	-0.32	0.82	238.18	ppb
Selenium	82-1	0.39	-0.33	-0.43	-0.12		ppb
Silicon	28-1	694.37	723.97	695.57	704.63	2.38	ppb
Silver	109-1	0.05	0.07	0.07	0.06	16.18	ppb
Silver	107-1	0.06	0.07	0.05	0.06	13.48	ppb
Sodium	23-2	18304.58	18088.17	18379.13	18257.29	0.83	ppb
Strontium	86-1	63.64	67.47	63.36	64.82	3.54	ppb
Strontium	88-1	64.92	68.24	65.34	66.17	2.74	ppb
Sulfur	34-1	18551.61	20032.98	18649.33	19077.98	4.34	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	-0.02	0.00		ppb
Thallium	205-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	0.04	0.06	0.04	0.05	24.52	ppb
Titanium	47-1	0.23	0.22	0.19	0.21	8.84	ppb
Uranium	238-1	-0.05	-0.04	-0.05	-0.05		ppb
Vanadium	51-2	-0.03	-0.01	-0.01	-0.02		ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.91	0.78	1.03	0.91	13.70	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-04DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0041DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:28:32	DataFile Name :	025SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	11.91	ppb
Zirconium	91-1	0.06	0.07	0.07	0.06	6.42	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3783-01DLX10	Instrumnet Name :	P8
Client Sample ID :	S10-0147DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:31:51	DataFile Name :	026SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.54	66.81	54.00	58.45	12.39	ppb
Antimony	121-1	0.10	0.09	0.12	0.10	16.40	ppb
Arsenic	75-2	1.03	1.11	0.97	1.04	6.75	ppb
Barium	135-1	3.59	3.76	3.57	3.64	2.77	ppb
Barium	137-1	3.49	3.46	3.59	3.51	1.96	ppb
Beryllium	9-1	-0.05	-0.09	-0.08	-0.08		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	6.86	7.59	9.77	8.07	18.76	ppb
Boron	11-1	8.20	8.77	9.01	8.66	4.77	ppb
Cadmium	111-1	-0.23	-0.16	-0.12	-0.17		ppb
Cadmium	106-1	-2.65	-2.00	-1.35	-2.00		ppb
Cadmium	108-1	-0.04	0.19	-0.08	0.02	641.20	ppb
Calcium	43-1	12578.93	12814.27	12920.81	12771.34	1.37	ppb
Calcium	44-1	12632.04	13190.57	13151.40	12991.33	2.40	ppb
Chromium	52-2	1.66	1.65	1.71	1.67	1.80	ppb
Cobalt	59-2	0.28	0.20	0.25	0.25	16.01	ppb
Copper	63-2	1.67	1.67	1.72	1.69	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	215.35	216.87	216.37	216.20	0.36	ppb
Iron	57-2	221.04	203.89	221.31	215.42	4.63	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.08	0.11	19.02	ppb
Lead	207-1	0.11	0.12	0.12	0.11	6.60	ppb
Lead	208-1	0.11	0.13	0.12	0.12	9.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	40156.62	39785.50	40620.15	40187.43	1.04	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3783-01DLX10	Instrumnet Name :	P8
Client Sample ID :	S10-0147DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:31:51	DataFile Name :	026SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	208.85	206.70	206.51	207.35	0.63	ppb
Molybdenum	94-1	0.64	0.85	0.76	0.75	13.65	ppb
Molybdenum	95-1	0.61	0.70	0.79	0.70	13.10	ppb
Molybdenum	96-1	0.63	0.68	0.69	0.67	5.11	ppb
Molybdenum	97-1	0.72	0.77	0.74	0.75	3.27	ppb
Molybdenum	98-1	0.70	0.73	0.71	0.71	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.55	0.69	0.66	15.09	ppb
Phosphorus	31-2	565.95	250.85	277.70	364.84	47.88	ppb
Potassium	39-2	820.13	776.04	831.55	809.24	3.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	-0.31	0.54	-0.31		ppb
Selenium	82-1	-0.53	-0.51	-0.87	-0.64		ppb
Silicon	28-1	505.58	520.12	527.96	517.89	2.19	ppb
Silver	109-1	0.17	0.21	0.24	0.21	17.69	ppb
Silver	107-1	0.16	0.19	0.21	0.19	12.80	ppb
Sodium	23-2	1485.01	1472.66	1501.77	1486.48	0.98	ppb
Strontium	86-1	73.76	74.41	75.89	74.69	1.46	ppb
Strontium	88-1	74.78	76.24	76.85	75.96	1.40	ppb
Sulfur	34-1	51763.58	54610.83	54007.02	53460.48	2.81	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.06	0.04	32.78	ppb
Thallium	205-1	0.02	0.03	0.04	0.03	43.12	ppb
Tin	118-1	0.16	0.18	0.16	0.16	6.19	ppb
Titanium	47-1	0.81	1.02	1.23	1.02	20.62	ppb
Uranium	238-1	0.39	0.42	0.41	0.41	3.96	ppb
Vanadium	51-2	0.08	0.08	0.06	0.07	19.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2.28	2.55	2.49	2.44	5.77	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3783-01DLX10	Instrumnet Name :	P8
Client Sample ID :	S10-0147DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:31:51	DataFile Name :	026SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.21	0.18	0.19	8.45	ppb
Zirconium	91-1	0.14	0.19	0.23	0.19	23.71	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-02DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY07DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:35:09	DataFile Name :	027SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	6.44	3.37	3.86	61.44	ppb
Antimony	121-1	0.13	0.11	0.13	0.12	7.46	ppb
Arsenic	75-2	0.70	0.56	0.76	0.68	15.35	ppb
Barium	135-1	5.22	5.14	5.24	5.20	0.94	ppb
Barium	137-1	5.24	5.75	5.41	5.47	4.77	ppb
Beryllium	9-1	-0.08	-0.08	-0.08	-0.08		ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	2.30	4.02	4.94	3.75	35.77	ppb
Boron	11-1	4.15	4.23	4.38	4.25	2.80	ppb
Cadmium	111-1	-0.21	-0.15	-0.13	-0.17		ppb
Cadmium	106-1	-2.50	-1.76	-1.39	-1.88		ppb
Cadmium	108-1	-0.12	-0.12	0.00	-0.08		ppb
Calcium	43-1	9630.27	9805.47	9767.53	9734.42	0.95	ppb
Calcium	44-1	9872.14	9957.83	9947.95	9925.97	0.47	ppb
Chromium	52-2	0.13	-0.01	0.04	0.06	128.62	ppb
Cobalt	59-2	1.01	0.97	0.93	0.97	4.24	ppb
Copper	63-2	1.03	1.24	1.01	1.09	11.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	1192.05	1169.39	1146.21	1169.22	1.96	ppb
Iron	57-2	1203.78	1143.20	1063.37	1136.78	6.19	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.03	0.00	445.13	ppb
Lead	207-1	0.00	0.01	0.00	0.01	96.61	ppb
Lead	208-1	0.00	0.01	0.01	0.01	55.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	1961.90	1941.10	1921.22	1941.41	1.05	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-02DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY07DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:35:09	DataFile Name :	027SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	610.64	595.19	583.00	596.28	2.32	ppb
Molybdenum	94-1	0.20	0.15	0.10	0.15	32.45	ppb
Molybdenum	95-1	0.11	0.08	0.07	0.09	21.82	ppb
Molybdenum	96-1	0.03	0.01	0.03	0.02	40.31	ppb
Molybdenum	97-1	0.10	0.09	0.04	0.08	44.95	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	9.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.01	0.05	0.05	86.77	ppb
Phosphorus	31-2	5.84	31.51	6.16	14.50	101.57	ppb
Potassium	39-2	501.87	509.63	447.19	486.23	7.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	6.21	6.20	0.00	4.14	86.60	ppb
Selenium	78-2	-0.23	-0.23	1.68	0.41	271.31	ppb
Selenium	82-1	0.10	-0.17	0.27	0.07	326.89	ppb
Silicon	28-1	732.99	734.45	729.25	732.23	0.37	ppb
Silver	109-1	0.17	0.18	0.20	0.18	9.68	ppb
Silver	107-1	0.16	0.20	0.21	0.19	14.64	ppb
Sodium	23-2	526.20	518.29	525.64	523.37	0.84	ppb
Strontium	86-1	68.70	70.86	70.87	70.15	1.78	ppb
Strontium	88-1	70.60	71.58	71.62	71.27	0.81	ppb
Sulfur	34-1	-1710.76	-1580.99	-1493.54	-1595.10		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.01	0.01	91.27	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	299.27	ppb
Tin	118-1	0.14	0.20	0.14	0.16	20.53	ppb
Titanium	47-1	0.09	0.11	0.12	0.11	16.07	ppb
Uranium	238-1	-0.08	-0.08	-0.08	-0.08		ppb
Vanadium	51-2	-0.05	-0.03	-0.01	-0.03		ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	0.52	0.74	0.13	0.46	66.52	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-02DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY07DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:35:09	DataFile Name :	027SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.06	0.06	12.45	ppb
Zirconium	91-1	0.05	0.08	0.07	0.07	21.44	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-03DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY08DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:38:28	DataFile Name :	028SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.52	3.22	9.08	6.61	45.93	ppb
Antimony	121-1	0.08	0.11	0.13	0.10	22.17	ppb
Arsenic	75-2	0.42	0.34	0.31	0.35	15.82	ppb
Barium	135-1	3.01	3.15	3.62	3.26	9.93	ppb
Barium	137-1	3.24	3.09	3.63	3.32	8.44	ppb
Beryllium	9-1	-0.07	-0.12	-0.09	-0.09		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	3.10	2.75	4.28	3.38	23.71	ppb
Boron	11-1	3.48	3.63	3.64	3.58	2.54	ppb
Cadmium	111-1	-0.34	-0.24	-0.35	-0.31		ppb
Cadmium	106-1	-4.17	-2.87	-4.35	-3.80		ppb
Cadmium	108-1	-0.12	-0.04	-0.11	-0.09		ppb
Calcium	43-1	9237.59	9486.58	10341.69	9688.62	5.98	ppb
Calcium	44-1	9564.12	9592.46	10483.37	9879.99	5.29	ppb
Chromium	52-2	0.07	0.04	-0.01	0.04	105.08	ppb
Cobalt	59-2	0.84	0.81	0.78	0.81	3.86	ppb
Copper	63-2	0.81	0.80	0.82	0.81	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	747.28	758.89	746.50	750.89	0.92	ppb
Iron	57-2	731.16	742.30	738.16	737.21	0.76	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.03	-0.02		ppb
Lead	207-1	-0.01	0.02	-0.01	0.00		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				96		%
Magnesium	24-2	1485.82	1504.68	1476.24	1488.91	0.97	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-03DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY08DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:38:28	DataFile Name :	028SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	418.60	418.63	415.97	417.73	0.37	ppb
Molybdenum	94-1	0.13	0.13	0.16	0.14	15.69	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	11.92	ppb
Molybdenum	96-1	-0.05	0.01	0.04	0.00	4166.99	ppb
Molybdenum	97-1	0.06	0.03	0.09	0.06	53.73	ppb
Molybdenum	98-1	0.01	0.04	0.07	0.04	71.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.19	0.19	0.17	16.24	ppb
Phosphorus	31-2	29.37	-19.17	5.26	5.15	470.87	ppb
Potassium	39-2	128.57	155.78	151.61	145.32	10.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.63	-1.16	-1.16	-0.57		ppb
Selenium	82-1	-0.33	-0.42	-0.30	-0.35		ppb
Silicon	28-1	612.79	620.94	683.87	639.20	6.08	ppb
Silver	109-1	0.14	0.14	0.18	0.15	15.86	ppb
Silver	107-1	0.15	0.18	0.19	0.17	10.82	ppb
Sodium	23-2	424.64	434.88	415.39	424.97	2.29	ppb
Strontium	86-1	62.70	64.99	70.11	65.94	5.76	ppb
Strontium	88-1	64.07	65.27	71.11	66.82	5.63	ppb
Sulfur	34-1	-1796.46	-1611.93	-383.74	-1264.04		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.03	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.17	0.16	0.17	0.16	3.15	ppb
Titanium	47-1	0.16	0.13	0.17	0.15	11.02	ppb
Uranium	238-1	-0.06	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	-0.02	-0.03	-0.03	-0.03		ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	0.98	0.83	0.82	0.88	10.47	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-03DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY08DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:38:28	DataFile Name :	028SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.04	0.06	0.05	21.94	ppb
Zirconium	91-1	0.05	0.09	0.07	0.07	25.29	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:41:48	DataFile Name :	029CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47302.31	52380.68	47741.05	49141.35	5.73	ppb
Antimony	121-1	482.23	487.48	486.96	485.56	0.60	ppb
Arsenic	75-2	478.59	515.33	480.18	491.37	4.23	ppb
Barium	135-1	2487.56	2491.86	2485.41	2488.28	0.13	ppb
Barium	137-1	2471.49	2488.10	2479.02	2479.54	0.34	ppb
Beryllium	9-1	507.92	495.76	501.00	501.56	1.22	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	478.54	493.11	515.32	495.65	3.74	ppb
Boron	11-1	490.51	493.19	511.83	498.51	2.33	ppb
Cadmium	111-1	472.09	471.73	476.72	473.51	0.59	ppb
Cadmium	106-1	482.63	478.02	468.06	476.24	1.56	ppb
Cadmium	108-1	467.16	477.66	474.50	473.11	1.14	ppb
Calcium	43-1	234547.06	234474.19	235108.04	234709.76	0.15	ppb
Calcium	44-1	232030.51	234237.50	234315.00	233527.67	0.56	ppb
Chromium	52-2	496.00	541.71	497.03	511.58	5.10	ppb
Cobalt	59-2	480.58	526.17	481.72	496.16	5.24	ppb
Copper	63-2	928.94	1017.29	935.81	960.68	5.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	123280.14	135359.40	124291.68	127643.74	5.25	ppb
Iron	57-2	124297.40	135244.08	124059.66	127867.05	5.00	ppb
Krypton	83-1						cps
Lead	206-1	506.76	495.26	500.43	500.82	1.15	ppb
Lead	207-1	500.46	498.86	502.67	500.67	0.38	ppb
Lead	208-1	503.14	498.80	502.03	501.33	0.45	ppb
Lithium	6-1				92		%
Magnesium	24-2	239321.59	263362.29	241477.02	248053.64	5.36	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:41:48	DataFile Name :	029CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.27	1062.09	972.24	1000.20	5.37	ppb
Molybdenum	94-1	2442.10	2458.10	2446.59	2448.93	0.34	ppb
Molybdenum	95-1	2434.54	2447.39	2432.79	2438.24	0.33	ppb
Molybdenum	96-1	2449.82	2457.81	2420.75	2442.79	0.80	ppb
Molybdenum	97-1	2459.85	2481.22	2451.71	2464.26	0.62	ppb
Molybdenum	98-1	2449.75	2473.08	2438.42	2453.75	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.51	522.46	486.18	496.72	4.51	ppb
Phosphorus	31-2	9978.05	10147.53	10271.08	10132.22	1.45	ppb
Potassium	39-2	121386.37	132086.20	122527.09	125333.22	4.69	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	575.40	689.44	502.53	589.13	15.99	ppb
Selenium	78-2	414.96	491.61	440.33	448.96	8.70	ppb
Selenium	82-1	480.22	476.15	477.56	477.98	0.43	ppb
Silicon	28-1	486.40	482.26	495.52	488.06	1.39	ppb
Silver	109-1	487.95	478.40	488.44	484.93	1.17	ppb
Silver	107-1	482.38	484.07	488.69	485.05	0.67	ppb
Sodium	23-2	240274.59	263061.33	242559.76	248631.89	5.05	ppb
Strontium	86-1	488.54	486.11	482.61	485.75	0.61	ppb
Strontium	88-1	487.91	483.90	489.51	487.11	0.59	ppb
Sulfur	34-1	8094.77	8255.22	7983.69	8111.23	1.68	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	503.18	498.93	502.63	501.58	0.46	ppb
Thallium	205-1	495.75	497.94	497.04	496.91	0.22	ppb
Tin	118-1	491.12	498.37	496.74	495.41	0.77	ppb
Titanium	47-1	2476.60	2458.53	2486.15	2473.76	0.57	ppb
Uranium	238-1	501.16	497.45	496.43	498.35	0.50	ppb
Vanadium	51-2	483.33	531.33	490.55	501.74	5.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	937.29	1025.00	941.03	967.77	5.12	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:41:48	DataFile Name :	029CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	493.75	490.06	487.32	490.38	0.66	ppb
Zirconium	91-1	486.08	484.01	480.11	483.40	0.63	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:47:13	DataFile Name :	030CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.40	2.63	0.01	0.42	491.95	ppb
Antimony	121-1	0.47	0.41	0.41	0.43	8.89	ppb
Arsenic	75-2	-0.17	-0.11	-0.15	-0.14		ppb
Barium	135-1	-0.05	-0.08	-0.06	-0.06		ppb
Barium	137-1	-0.07	-0.05	-0.07	-0.06		ppb
Beryllium	9-1	-0.03	-0.07	0.03	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	9.95	7.18	6.19	7.77	25.10	ppb
Boron	11-1	7.42	7.43	7.05	7.30	2.99	ppb
Cadmium	111-1	-0.20	-0.24	-0.26	-0.23		ppb
Cadmium	106-1	-2.34	-2.81	-3.36	-2.84		ppb
Cadmium	108-1	-0.12	-0.08	-0.08	-0.09		ppb
Calcium	43-1	0.31	-4.75	-5.58	-3.34		ppb
Calcium	44-1	0.13	1.27	5.80	2.40	124.99	ppb
Chromium	52-2	-0.06	0.01	-0.05	-0.04		ppb
Cobalt	59-2	-0.12	-0.10	-0.11	-0.11		ppb
Copper	63-2	-0.06	-0.08	-0.10	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2.06	1.62	2.21	1.96	15.81	ppb
Iron	57-2	2.15	2.04	0.01	1.40	86.01	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.02	-0.03	-0.02		ppb
Lead	207-1	-0.01	-0.04	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				101		%
Magnesium	24-2	3.47	3.83	5.32	4.20	23.27	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:47:13	DataFile Name :	030CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.13	-0.15	-0.18	-0.15		ppb
Molybdenum	94-1	0.42	0.36	0.30	0.36	15.50	ppb
Molybdenum	95-1	0.52	0.36	0.44	0.44	18.48	ppb
Molybdenum	96-1	0.34	0.36	0.33	0.34	4.32	ppb
Molybdenum	97-1	0.39	0.41	0.42	0.41	3.66	ppb
Molybdenum	98-1	0.39	0.39	0.36	0.38	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.13	-0.15	-0.13		ppb
Phosphorus	31-2	3.62	3.12	-19.17	-4.14		ppb
Potassium	39-2	23.04	-0.56	12.54	11.67	101.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.25	-1.16	-1.16	-0.03		ppb
Selenium	82-1	-0.19	0.08	0.94	0.28	212.37	ppb
Silicon	28-1	-14.44	-14.06	-10.41	-12.97		ppb
Silver	109-1	0.03	0.04	0.04	0.04	7.53	ppb
Silver	107-1	0.05	0.05	0.04	0.05	13.33	ppb
Sodium	23-2	56.76	52.87	60.05	56.56	6.36	ppb
Strontium	86-1	-0.02	-0.02	0.02	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	45.91	ppb
Sulfur	34-1	-1946.52	-2094.73	-1440.28	-1827.17		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.15	0.13	0.13	0.14	6.07	ppb
Titanium	47-1	0.05	0.04	0.10	0.06	50.31	ppb
Uranium	238-1	-0.09	-0.09	-0.09	-0.09		ppb
Vanadium	51-2	-0.05	-0.04	-0.05	-0.05		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	-0.07	-0.26	-0.06	-0.13		ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:47:13	DataFile Name :	030CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.06	0.07	12.42	ppb
Zirconium	91-1	0.08	0.11	0.09	0.09	13.36	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BL	Instrumnet Name :	P8
Client Sample ID :	PB111199BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:01:09	DataFile Name :	031CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-2.78	-1.46	-1.46		ppb
Antimony	121-1	0.10	0.09	0.10	0.09	5.99	ppb
Arsenic	75-2	-0.13	-0.17	-0.17	-0.16		ppb
Barium	135-1	-0.08	-0.09	-0.09	-0.09		ppb
Barium	137-1	-0.09	-0.09	-0.06	-0.08		ppb
Beryllium	9-1	-0.06	-0.09	-0.11	-0.09		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	1.98	2.69	1.72	2.13	23.53	ppb
Boron	11-1	2.09	2.66	2.40	2.38	12.00	ppb
Cadmium	111-1	-0.29	-0.29	-0.27	-0.28		ppb
Cadmium	106-1	-3.50	-3.33	-3.15	-3.32		ppb
Cadmium	108-1	-0.01	-0.12	-0.08	-0.07		ppb
Calcium	43-1	-4.53	-2.01	-1.43	-2.65		ppb
Calcium	44-1	0.15	2.84	-0.01	0.99	161.62	ppb
Chromium	52-2	-0.13	-0.06	-0.08	-0.09		ppb
Cobalt	59-2	-0.11	-0.12	-0.11	-0.11		ppb
Copper	63-2	-0.17	-0.21	-0.14	-0.17		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	0.64	0.33	0.33	0.43	40.78	ppb
Iron	57-2	1.93	-0.56	0.67	0.68	183.14	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.05	-0.05	-0.05		ppb
Lead	207-1	-0.04	-0.07	-0.04	-0.05		ppb
Lead	208-1	-0.04	-0.05	-0.05	-0.05		ppb
Lithium	6-1				102		%
Magnesium	24-2	1.95	2.78	1.35	2.02	35.56	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BL	Instrumnet Name :	P8
Client Sample ID :	PB111199BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:01:09	DataFile Name :	031CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.01	-0.17	-0.10		ppb
Molybdenum	94-1	0.08	0.07	0.04	0.06	35.34	ppb
Molybdenum	95-1	0.02	0.00	0.00	0.00	300.37	ppb
Molybdenum	96-1	-0.05	-0.02	-0.02	-0.03		ppb
Molybdenum	97-1	-0.01	0.05	-0.02	0.01	457.43	ppb
Molybdenum	98-1	0.02	0.00	-0.01	0.00	780.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.21	-0.17	-0.19		ppb
Phosphorus	31-2	2.66	24.49	-19.17	2.66	820.54	ppb
Potassium	39-2	-6.80	-4.18	-7.04	-6.01		ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	0.52	-1.16	-0.33		ppb
Selenium	82-1	0.49	-0.82	-0.91	-0.41		ppb
Silicon	28-1	-15.90	-14.00	-14.26	-14.72		ppb
Silver	109-1	0.01	0.01	0.02	0.01	25.24	ppb
Silver	107-1	0.02	0.03	0.01	0.02	50.77	ppb
Sodium	23-2	27.55	29.25	29.21	28.67	3.39	ppb
Strontium	86-1	-0.03	-0.02	-0.05	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1208.14	ppb
Sulfur	34-1	-1875.14	-1409.83	-1599.63	-1628.20		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.01	0.00	-0.03	-0.01		ppb
Titanium	47-1	-0.02	0.01	-0.01	-0.01		ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.04	-0.05	-0.06	-0.05		ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.84	0.55	0.62	0.67	22.55	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BL	Instrumnet Name :	P8
Client Sample ID :	PB111199BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:01:09	DataFile Name :	031CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.04	0.03	0.03	29.20	ppb
Zirconium	91-1	0.01	0.04	0.00	0.02	159.92	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BS	Instrumnet Name :	P8
Client Sample ID :	PB111199BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:04:28	DataFile Name :	032LCS6_P8071718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9398.27	9949.66	9364.47	9570.80	3.43	ppb
Antimony	121-1	484.99	488.38	486.70	486.69	0.35	ppb
Arsenic	75-2	475.70	508.62	475.32	486.55	3.93	ppb
Barium	135-1	2455.11	2442.48	2419.23	2438.94	0.75	ppb
Barium	137-1	2449.08	2441.17	2449.75	2446.67	0.20	ppb
Beryllium	9-1	489.66	486.69	480.43	485.59	0.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	455.80	475.31	467.00	466.04	2.10	ppb
Boron	11-1	458.47	469.79	476.39	468.22	1.94	ppb
Cadmium	111-1	481.19	483.82	483.65	482.89	0.31	ppb
Cadmium	106-1	478.77	482.27	485.13	482.06	0.66	ppb
Cadmium	108-1	479.38	483.68	489.31	484.12	1.03	ppb
Calcium	43-1	46274.15	46350.72	46143.77	46256.21	0.23	ppb
Calcium	44-1	46449.11	46397.37	45769.13	46205.20	0.82	ppb
Chromium	52-2	476.54	508.45	468.84	484.61	4.33	ppb
Cobalt	59-2	476.22	513.68	469.66	486.52	4.88	ppb
Copper	63-2	950.24	1021.90	933.47	968.54	4.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	24691.96	26538.78	24243.78	25158.18	4.84	ppb
Iron	57-2	24337.68	26234.19	23913.88	24828.59	4.98	ppb
Krypton	83-1						cps
Lead	206-1	480.57	479.56	483.32	481.15	0.40	ppb
Lead	207-1	480.51	477.88	482.28	480.22	0.46	ppb
Lead	208-1	481.51	483.24	481.02	481.92	0.24	ppb
Lithium	6-1				94		%
Magnesium	24-2	48935.20	51742.46	47626.32	49434.66	4.25	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BS	Instrumnet Name :	P8
Client Sample ID :	PB111199BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:04:28	DataFile Name :	032LCS6_P8071718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	962.98	1036.67	951.87	983.84	4.68	ppb
Molybdenum	94-1	2398.16	2371.46	2384.32	2384.65	0.56	ppb
Molybdenum	95-1	2372.61	2389.29	2368.41	2376.77	0.46	ppb
Molybdenum	96-1	2360.49	2379.51	2374.00	2371.33	0.41	ppb
Molybdenum	97-1	2407.42	2394.44	2383.89	2395.25	0.49	ppb
Molybdenum	98-1	2393.95	2375.22	2368.38	2379.18	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.34	514.48	467.68	486.50	5.08	ppb
Phosphorus	31-2	10076.08	9918.11	9432.91	9809.04	3.42	ppb
Potassium	39-2	23598.36	25267.02	23227.63	24031.01	4.52	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	502.57	434.68	635.28	524.18	19.46	ppb
Selenium	78-2	485.14	443.96	482.02	470.37	4.87	ppb
Selenium	82-1	477.76	472.40	475.16	475.11	0.56	ppb
Silicon	28-1	508.07	506.83	507.41	507.44	0.12	ppb
Silver	109-1	495.40	496.63	501.20	497.74	0.61	ppb
Silver	107-1	493.26	498.04	492.53	494.61	0.61	ppb
Sodium	23-2	48210.13	51361.64	47132.90	48901.56	4.49	ppb
Strontium	86-1	473.60	471.53	471.39	472.17	0.26	ppb
Strontium	88-1	475.44	478.75	469.09	474.43	1.03	ppb
Sulfur	34-1	8369.42	8085.71	7761.15	8072.09	3.77	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	488.55	486.58	483.83	486.32	0.49	ppb
Thallium	205-1	480.60	478.16	480.99	479.92	0.32	ppb
Tin	118-1	482.70	488.32	485.65	485.55	0.58	ppb
Titanium	47-1	2421.47	2409.69	2421.19	2417.45	0.28	ppb
Uranium	238-1	470.48	470.26	468.49	469.75	0.23	ppb
Vanadium	51-2	476.29	511.05	471.51	486.28	4.44	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	969.12	1047.82	964.71	993.88	4.71	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BS	Instrumnet Name :	P8
Client Sample ID :	PB111199BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:04:28	DataFile Name :	032LCS6_P8071718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.62	475.48	476.47	478.86	1.05	ppb
Zirconium	91-1	469.52	469.53	466.99	468.68	0.31	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-01	Instrumnet Name :	P8
Client Sample ID :	LF1-0028	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:07:39	DataFile Name :	033SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104.54	71.83	116.43	97.60	23.67	ppb
Antimony	121-1	2.82	2.48	2.41	2.57	8.44	ppb
Arsenic	75-2	81.09	84.35	80.57	82.00	2.50	ppb
Barium	135-1	78.06	77.49	77.79	77.78	0.37	ppb
Barium	137-1	77.67	77.28	78.00	77.65	0.47	ppb
Beryllium	9-1	0.08	0.04	0.10	0.07	42.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				85		%
Boron	10-1	42.52	40.92	36.63	40.02	7.60	ppb
Boron	11-1	41.72	39.55	38.44	39.90	4.19	ppb
Cadmium	111-1	-0.14	-0.20	-0.03	-0.12		ppb
Cadmium	106-1	-3.82	-4.24	-1.75	-3.27		ppb
Cadmium	108-1	0.29	0.45	0.13	0.29	56.06	ppb
Calcium	43-1	153155.31	151274.84	154565.45	152998.53	1.08	ppb
Calcium	44-1	153671.88	149359.80	152929.83	151987.17	1.52	ppb
Chromium	52-2	2.16	2.39	2.11	2.22	6.68	ppb
Cobalt	59-2	7.28	7.71	7.15	7.38	3.95	ppb
Copper	63-2	6.68	6.92	6.83	6.81	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				86		%
Indium	115-1				90		%
Indium	115-2				77		%
Iron	56-2	11896.16	12130.28	11898.93	11975.12	1.12	ppb
Iron	57-2	11699.63	11951.20	11572.04	11740.96	1.64	ppb
Krypton	83-1						cps
Lead	206-1	1.13	1.02	0.99	1.05	7.35	ppb
Lead	207-1	0.99	0.93	0.85	0.92	7.89	ppb
Lead	208-1	1.03	0.94	0.89	0.95	7.42	ppb
Lithium	6-1				96		%
Magnesium	24-2	52048.04	52788.13	52436.71	52424.29	0.71	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-01	Instrumnet Name :	P8
Client Sample ID :	LF1-0028	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:07:39	DataFile Name :	033SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	533.34	544.85	540.25	539.48	1.07	ppb
Molybdenum	94-1	3.30	3.23	2.91	3.15	6.60	ppb
Molybdenum	95-1	1.90	1.55	1.45	1.63	14.25	ppb
Molybdenum	96-1	2.08	1.70	1.46	1.75	17.80	ppb
Molybdenum	97-1	1.73	1.50	1.45	1.56	9.80	ppb
Molybdenum	98-1	1.98	1.69	1.54	1.74	12.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.05	67.42	64.43	65.30	2.83	ppb
Phosphorus	31-2	-19.17	-19.17	13.04	-8.43		ppb
Potassium	39-2	4779.60	4936.75	4829.68	4848.68	1.66	ppb
Rhodium	103-1				88		%
Rhodium	103-2				81		%
Scandium	45-1				85		%
Scandium	45-2				71		%
Selenium	77-2	7.59	0.00	7.67	5.09	86.61	ppb
Selenium	78-2	1.12	-0.01	-1.16	-0.02		ppb
Selenium	82-1	0.90	0.86	1.18	0.98	17.80	ppb
Silicon	28-1	11279.27	11023.91	11225.97	11176.39	1.21	ppb
Silver	109-1	0.85	0.82	0.75	0.80	6.41	ppb
Silver	107-1	0.81	0.85	0.67	0.78	11.92	ppb
Sodium	23-2	20762.19	21025.65	20906.32	20898.06	0.63	ppb
Strontium	86-1	945.52	913.04	935.52	931.36	1.79	ppb
Strontium	88-1	933.46	911.70	938.51	927.89	1.54	ppb
Sulfur	34-1	-535.59	-765.39	-593.52	-631.50		ppb
Terbium	159-1				95		%
Terbium	159-2				86		%
Thallium	203-1	0.50	0.39	0.34	0.41	20.76	ppb
Thallium	205-1	0.51	0.35	0.31	0.39	26.08	ppb
Tin	118-1	6.37	5.70	5.48	5.85	7.93	ppb
Titanium	47-1	4.03	5.14	4.66	4.61	12.13	ppb
Uranium	238-1	2.49	2.47	2.51	2.49	0.84	ppb
Vanadium	51-2	0.53	0.43	0.45	0.47	11.28	ppb
Yttrium	89-1				90		%
Yttrium	89-2				76		%
Zinc	66-2	11.73	11.75	11.27	11.58	2.34	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-01	Instrumnet Name :	P8
Client Sample ID :	LF1-0028	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:07:39	DataFile Name :	033SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.41	1.44	1.40	1.41	1.25	ppb
Zirconium	91-1	1.47	1.29	1.18	1.31	11.24	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-02	Instrumnet Name :	P8
Client Sample ID :	LF1-0032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:10:57	DataFile Name :	034SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	780.40	785.23	870.36	812.00	6.23	ppb
Antimony	121-1	2.62	2.52	2.42	2.52	3.94	ppb
Arsenic	75-2	22.96	23.28	25.40	23.88	5.54	ppb
Barium	135-1	55.45	52.32	50.92	52.90	4.39	ppb
Barium	137-1	55.36	52.13	51.73	53.07	3.75	ppb
Beryllium	9-1	0.03	-0.02	0.04	0.02	199.80	ppb
Bismuth	209-1				95		%
Bismuth	209-2				84		%
Boron	10-1	25.37	23.35	25.13	24.62	4.49	ppb
Boron	11-1	22.76	22.93	23.62	23.11	1.98	ppb
Cadmium	111-1	0.07	-0.07	0.14	0.04	237.20	ppb
Cadmium	106-1	-4.26	-4.64	-1.61	-3.50		ppb
Cadmium	108-1	0.23	0.17	0.40	0.27	46.16	ppb
Calcium	43-1	14218.89	13556.72	13336.36	13703.99	3.35	ppb
Calcium	44-1	14344.62	13585.26	13450.69	13793.52	3.49	ppb
Chromium	52-2	3.46	3.49	3.62	3.52	2.46	ppb
Cobalt	59-2	2.03	1.89	2.14	2.02	6.19	ppb
Copper	63-2	7.80	7.88	8.55	8.08	5.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				85		%
Indium	115-1				89		%
Indium	115-2				76		%
Iron	56-2	59704.88	59358.79	62190.57	60418.08	2.56	ppb
Iron	57-2	59396.44	59032.64	60871.16	59766.75	1.63	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.94	0.99	0.98	3.13	ppb
Lead	207-1	0.95	0.86	0.85	0.89	5.82	ppb
Lead	208-1	0.98	0.91	0.91	0.94	4.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	8998.89	8926.63	9356.25	9093.92	2.53	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-02	Instrumnet Name :	P8
Client Sample ID :	LF1-0032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:10:57	DataFile Name :	034SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	262.86	258.59	264.45	261.97	1.16	ppb
Molybdenum	94-1	6.45	5.82	5.87	6.05	5.80	ppb
Molybdenum	95-1	7.69	7.10	7.28	7.36	4.11	ppb
Molybdenum	96-1	7.84	7.23	7.24	7.44	4.65	ppb
Molybdenum	97-1	7.69	7.37	7.25	7.44	3.01	ppb
Molybdenum	98-1	7.99	7.36	7.36	7.57	4.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.49	7.43	7.15	7.36	2.43	ppb
Phosphorus	31-2	46.39	142.84	48.59	79.28	69.46	ppb
Potassium	39-2	2120.54	2026.64	2100.34	2082.50	2.37	ppb
Rhodium	103-1				86		%
Rhodium	103-2				81		%
Scandium	45-1				80		%
Scandium	45-2				69		%
Selenium	77-2	0.00	0.00	16.04	5.35	173.21	ppb
Selenium	78-2	-1.16	-1.16	0.04	-0.76		ppb
Selenium	82-1	0.65	-0.26	0.07	0.15	301.35	ppb
Silicon	28-1	4040.93	3748.74	3840.32	3876.66	3.86	ppb
Silver	109-1	0.30	0.27	0.28	0.28	5.35	ppb
Silver	107-1	0.32	0.31	0.27	0.30	9.34	ppb
Sodium	23-2	27183.21	27236.04	28337.39	27585.55	2.36	ppb
Strontium	86-1	127.65	118.15	119.32	121.71	4.26	ppb
Strontium	88-1	133.88	124.23	122.40	126.84	4.87	ppb
Sulfur	34-1	192.03	-517.77	-723.20	-349.65		ppb
Terbium	159-1				94		%
Terbium	159-2				84		%
Thallium	203-1	0.06	0.04	0.05	0.05	27.52	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.86	ppb
Tin	118-1	3.89	3.69	3.84	3.80	2.71	ppb
Titanium	47-1	68.40	49.55	47.59	55.18	20.82	ppb
Uranium	238-1	0.20	0.20	0.22	0.21	5.24	ppb
Vanadium	51-2	2.01	1.94	2.08	2.01	3.56	ppb
Yttrium	89-1				87		%
Yttrium	89-2				75		%
Zinc	66-2	13.25	14.73	15.42	14.46	7.67	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-02	Instrumnet Name :	P8
Client Sample ID :	LF1-0032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:10:57	DataFile Name :	034SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	0.48	0.45	0.51	14.68	ppb
Zirconium	91-1	0.74	0.57	0.47	0.59	23.22	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-03	Instrumnet Name :	P8
Client Sample ID :	LF1-0033	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:14:15	DataFile Name :	035SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.28	9.53	8.11	8.31	13.69	ppb
Antimony	121-1	1.22	1.25	1.26	1.24	1.69	ppb
Arsenic	75-2	-0.08	0.01	0.25	0.06	292.94	ppb
Barium	135-1	1.14	1.15	1.03	1.11	5.86	ppb
Barium	137-1	1.07	0.90	1.07	1.01	9.57	ppb
Beryllium	9-1	-0.10	-0.08	-0.05	-0.08		ppb
Bismuth	209-1				98		%
Bismuth	209-2				83		%
Boron	10-1	11.29	11.04	12.66	11.66	7.49	ppb
Boron	11-1	12.43	11.33	12.23	12.00	4.91	ppb
Cadmium	111-1	-0.27	-0.29	-0.37	-0.31		ppb
Cadmium	106-1	-4.00	-3.99	-4.86	-4.28		ppb
Cadmium	108-1	0.01	-0.03	0.00	-0.01		ppb
Calcium	43-1	11626.92	11802.88	11213.46	11547.75	2.62	ppb
Calcium	44-1	11761.50	11957.84	11512.05	11743.80	1.90	ppb
Chromium	52-2	0.62	0.63	0.87	0.71	19.82	ppb
Cobalt	59-2	-0.05	-0.01	-0.01	-0.02		ppb
Copper	63-2	6.03	6.18	6.60	6.27	4.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				83		%
Indium	115-1				91		%
Indium	115-2				74		%
Iron	56-2	45.53	46.48	48.92	46.98	3.72	ppb
Iron	57-2	37.94	45.81	52.21	45.32	15.78	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.07	0.11	0.10	35.63	ppb
Lead	207-1	0.10	0.13	0.09	0.11	17.47	ppb
Lead	208-1	0.12	0.10	0.09	0.10	11.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	3649.83	3757.61	3957.56	3788.33	4.12	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-03	Instrumnet Name :	P8
Client Sample ID :	LF1-0033	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:14:15	DataFile Name :	035SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.39	14.48	16.39	15.09	7.48	ppb
Molybdenum	94-1	0.26	0.35	0.26	0.29	18.46	ppb
Molybdenum	95-1	0.16	0.14	0.17	0.16	9.20	ppb
Molybdenum	96-1	0.17	0.14	0.13	0.15	17.25	ppb
Molybdenum	97-1	0.14	0.23	0.21	0.19	23.80	ppb
Molybdenum	98-1	0.25	0.31	0.25	0.27	14.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.15	0.12	0.15	18.86	ppb
Phosphorus	31-2	-19.17	-19.17	-19.17	-19.17		ppb
Potassium	39-2	181.70	181.47	207.80	190.33	7.95	ppb
Rhodium	103-1				88		%
Rhodium	103-2				79		%
Scandium	45-1				81		%
Scandium	45-2				67		%
Selenium	77-2	0.00	7.80	0.00	2.60	173.21	ppb
Selenium	78-2	-1.16	-1.16	-1.16	-1.16		ppb
Selenium	82-1	-0.61	-0.28	-0.49	-0.46		ppb
Silicon	28-1	5896.57	5961.27	5763.07	5873.64	1.72	ppb
Silver	109-1	0.23	0.18	0.20	0.20	13.14	ppb
Silver	107-1	0.21	0.21	0.20	0.21	3.99	ppb
Sodium	23-2	5990.83	6092.48	6481.44	6188.25	4.18	ppb
Strontium	86-1	67.55	68.78	68.18	68.17	0.90	ppb
Strontium	88-1	69.76	70.01	69.06	69.61	0.71	ppb
Sulfur	34-1	1773.39	1632.60	1230.87	1545.62	18.21	ppb
Terbium	159-1				96		%
Terbium	159-2				83		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	3.43	3.36	3.30	3.36	1.95	ppb
Titanium	47-1	0.82	0.84	0.65	0.77	13.46	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	0.12	0.12	0.10	0.11	11.84	ppb
Yttrium	89-1				88		%
Yttrium	89-2				73		%
Zinc	66-2	8.03	7.66	8.68	8.12	6.34	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-03	Instrumnet Name :	P8
Client Sample ID :	LF1-0033	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:14:15	DataFile Name :	035SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.14	0.10	0.12	15.21	ppb
Zirconium	91-1	0.05	0.12	0.11	0.09	40.32	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04	Instrumnet Name :	P8
Client Sample ID :	LF1-0037	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:17:34	DataFile Name :	036SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2014.84	2169.53	2102.26	2095.54	3.70	ppb
Antimony	121-1	1.60	1.56	1.59	1.58	1.49	ppb
Arsenic	75-2	3.30	3.56	4.35	3.74	14.61	ppb
Barium	135-1	14.00	13.47	12.88	13.45	4.19	ppb
Barium	137-1	14.53	13.98	13.94	14.15	2.34	ppb
Beryllium	9-1	0.04	0.05	0.05	0.04	16.11	ppb
Bismuth	209-1				97		%
Bismuth	209-2				84		%
Boron	10-1	20.77	18.70	23.11	20.86	10.57	ppb
Boron	11-1	21.27	21.04	21.24	21.18	0.60	ppb
Cadmium	111-1	1.21	1.08	0.99	1.09	9.95	ppb
Cadmium	106-1	-2.11	-4.37	-2.87	-3.12		ppb
Cadmium	108-1	1.46	1.24	1.23	1.31	10.20	ppb
Calcium	43-1	66567.18	64147.93	62427.74	64380.95	3.23	ppb
Calcium	44-1	66820.17	64677.66	62444.47	64647.43	3.38	ppb
Chromium	52-2	18.58	18.70	19.53	18.94	2.72	ppb
Cobalt	59-2	4.82	4.89	4.92	4.88	1.08	ppb
Copper	63-2	17.13	17.39	17.59	17.37	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				84		%
Indium	115-1				89		%
Indium	115-2				74		%
Iron	56-2	4093.64	4032.03	4184.75	4103.47	1.87	ppb
Iron	57-2	4078.94	3995.00	4124.90	4066.28	1.62	ppb
Krypton	83-1						cps
Lead	206-1	3.52	3.26	3.28	3.35	4.31	ppb
Lead	207-1	3.12	3.02	3.01	3.05	2.02	ppb
Lead	208-1	3.30	3.18	3.16	3.21	2.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	15241.48	15158.16	15547.77	15315.80	1.34	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04	Instrumnet Name :	P8
Client Sample ID :	LF1-0037	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:17:34	DataFile Name :	036SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2353.24	2341.55	2387.96	2360.92	1.02	ppb
Molybdenum	94-1	2.81	2.23	2.42	2.49	11.80	ppb
Molybdenum	95-1	1.32	1.33	1.27	1.31	2.67	ppb
Molybdenum	96-1	1.44	1.38	1.29	1.37	5.55	ppb
Molybdenum	97-1	1.52	1.28	1.38	1.39	8.90	ppb
Molybdenum	98-1	1.56	1.58	1.47	1.54	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.92	13.89	15.46	14.76	5.43	ppb
Phosphorus	31-2	178.02	209.98	250.36	212.79	17.04	ppb
Potassium	39-2	1852.48	1740.86	1895.16	1829.50	4.36	ppb
Rhodium	103-1				87		%
Rhodium	103-2				79		%
Scandium	45-1				80		%
Scandium	45-2				69		%
Selenium	77-2	0.00	15.73	16.30	10.68	86.64	ppb
Selenium	78-2	1.20	1.20	1.28	1.23	3.96	ppb
Selenium	82-1	-0.08	-0.37	-0.39	-0.28		ppb
Silicon	28-1	10530.91	10068.46	9824.34	10141.24	3.54	ppb
Silver	109-1	0.19	0.14	0.17	0.17	14.52	ppb
Silver	107-1	0.22	0.16	0.16	0.18	19.28	ppb
Sodium	23-2	6661.02	6534.63	6852.05	6682.57	2.39	ppb
Strontium	86-1	325.28	318.43	317.87	320.53	1.29	ppb
Strontium	88-1	330.37	325.59	321.35	325.77	1.38	ppb
Sulfur	34-1	422.40	-193.88	-918.71	-230.06		ppb
Terbium	159-1				96		%
Terbium	159-2				85		%
Thallium	203-1	0.01	0.02	0.01	0.01	65.45	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	85.27	ppb
Tin	118-1	3.56	3.62	3.40	3.53	3.35	ppb
Titanium	47-1	116.72	113.48	107.58	112.59	4.12	ppb
Uranium	238-1	3.07	2.94	2.91	2.97	2.92	ppb
Vanadium	51-2	5.12	4.90	5.40	5.14	4.88	ppb
Yttrium	89-1				88		%
Yttrium	89-2				74		%
Zinc	66-2	22.89	24.93	25.31	24.38	5.32	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04	Instrumnet Name :	P8
Client Sample ID :	LF1-0037	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:17:34	DataFile Name :	036SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.88	0.87	0.80	0.85	4.96	ppb
Zirconium	91-1	0.89	0.98	0.93	0.93	5.15	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-05	Instrumnet Name :	P8
Client Sample ID :	LF1-0035	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:20:53	DataFile Name :	037SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.33	17.27	25.27	21.29	18.80	ppb
Antimony	121-1	1.15	1.26	1.29	1.23	5.67	ppb
Arsenic	75-2	16.57	19.82	17.59	17.99	9.24	ppb
Barium	135-1	120.63	123.90	121.35	121.96	1.41	ppb
Barium	137-1	121.24	124.74	122.43	122.80	1.45	ppb
Beryllium	9-1	-0.07	-0.06	-0.05	-0.06		ppb
Bismuth	209-1				96		%
Bismuth	209-2				83		%
Boron	10-1	33.33	34.16	30.29	32.59	6.25	ppb
Boron	11-1	31.95	33.20	33.52	32.89	2.52	ppb
Cadmium	111-1	-0.30	-0.26	-0.24	-0.27		ppb
Cadmium	106-1	-4.35	-4.07	-3.46	-3.96		ppb
Cadmium	108-1	0.04	0.05	0.16	0.08	81.11	ppb
Calcium	43-1	43206.36	43654.37	43183.64	43348.12	0.61	ppb
Calcium	44-1	43250.73	43618.02	43285.97	43384.91	0.47	ppb
Chromium	52-2	3.89	3.60	3.55	3.68	4.97	ppb
Cobalt	59-2	0.31	0.33	0.29	0.31	6.23	ppb
Copper	63-2	4.88	4.97	4.75	4.86	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				85		%
Indium	115-1				90		%
Indium	115-2				75		%
Iron	56-2	10145.85	10275.59	10076.71	10166.05	0.99	ppb
Iron	57-2	9966.38	9807.72	9911.26	9895.12	0.81	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.09	0.08	25.93	ppb
Lead	207-1	0.08	0.07	0.05	0.06	24.06	ppb
Lead	208-1	0.07	0.08	0.07	0.07	6.85	ppb
Lithium	6-1				94		%
Magnesium	24-2	25876.14	25857.55	25794.09	25842.59	0.17	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-05	Instrumnet Name :	P8
Client Sample ID :	LF1-0035	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:20:53	DataFile Name :	037SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	179.37	172.14	178.88	176.79	2.28	ppb
Molybdenum	94-1	3.42	3.69	3.29	3.46	5.84	ppb
Molybdenum	95-1	0.92	0.89	0.88	0.90	2.41	ppb
Molybdenum	96-1	1.06	1.12	1.15	1.11	4.24	ppb
Molybdenum	97-1	0.90	0.93	0.86	0.90	3.89	ppb
Molybdenum	98-1	0.96	0.88	0.91	0.91	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.78	3.75	3.90	3.81	2.08	ppb
Phosphorus	31-2	80.21	46.94	13.86	47.00	70.59	ppb
Potassium	39-2	3948.44	3915.91	3912.70	3925.69	0.50	ppb
Rhodium	103-1				87		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				69		%
Selenium	77-2	0.00	7.92	0.00	2.64	173.21	ppb
Selenium	78-2	0.03	0.03	0.02	0.03	27.99	ppb
Selenium	82-1	0.24	-0.51	0.34	0.02	2207.06	ppb
Silicon	28-1	8370.63	8404.23	8321.89	8365.58	0.49	ppb
Silver	109-1	0.12	0.13	0.12	0.12	4.78	ppb
Silver	107-1	0.14	0.13	0.14	0.14	6.28	ppb
Sodium	23-2	71784.44	71256.13	71871.41	71637.32	0.46	ppb
Strontium	86-1	406.52	405.01	403.82	405.12	0.33	ppb
Strontium	88-1	414.81	410.37	404.24	409.81	1.30	ppb
Sulfur	34-1	391.62	559.48	178.86	376.65	50.64	ppb
Terbium	159-1				97		%
Terbium	159-2				84		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.02		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	2.68	2.76	2.67	2.70	1.86	ppb
Titanium	47-1	1.46	1.37	1.60	1.48	7.61	ppb
Uranium	238-1	0.38	0.42	0.40	0.40	5.49	ppb
Vanadium	51-2	0.09	0.19	0.10	0.13	43.27	ppb
Yttrium	89-1				88		%
Yttrium	89-2				74		%
Zinc	66-2	7.85	7.95	7.91	7.91	0.63	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-05	Instrumnet Name :	P8
Client Sample ID :	LF1-0035	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:20:53	DataFile Name :	037SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.90	1.84	1.89	1.87	1.73	ppb
Zirconium	91-1	2.04	1.85	1.79	1.89	6.87	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-13	Instrumnet Name :	P8
Client Sample ID :	LF1-0036	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:24:55	DataFile Name :	038SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.17	11.03	5.30	7.17	46.70	ppb
Antimony	121-1	1.18	1.18	1.20	1.19	1.37	ppb
Arsenic	75-2	1.21	1.39	1.49	1.36	10.51	ppb
Barium	135-1	12.22	11.91	11.41	11.85	3.46	ppb
Barium	137-1	12.40	11.83	11.75	11.99	2.95	ppb
Beryllium	9-1	-0.10	-0.10	-0.06	-0.09		ppb
Bismuth	209-1				98		%
Bismuth	209-2				84		%
Boron	10-1	65.23	62.47	64.38	64.03	2.20	ppb
Boron	11-1	64.69	63.10	62.78	63.52	1.61	ppb
Cadmium	111-1	-0.31	-0.35	-0.36	-0.34		ppb
Cadmium	106-1	-4.12	-4.42	-4.34	-4.29		ppb
Cadmium	108-1	-0.11	-0.07	0.00	-0.06		ppb
Calcium	43-1	3370.28	3242.76	3185.45	3266.17	2.90	ppb
Calcium	44-1	3444.03	3337.92	3247.55	3343.16	2.94	ppb
Chromium	52-2	0.80	0.85	0.57	0.74	19.92	ppb
Cobalt	59-2	-0.07	-0.07	-0.08	-0.07		ppb
Copper	63-2	3.94	4.07	4.04	4.01	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				86		%
Indium	115-1				90		%
Indium	115-2				76		%
Iron	56-2	3535.58	3509.27	3567.45	3537.44	0.82	ppb
Iron	57-2	3534.35	3464.17	3607.53	3535.35	2.03	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.00	-0.01	0.01	302.94	ppb
Lead	207-1	0.04	0.00	0.01	0.01	123.13	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	2526.91	ppb
Lithium	6-1				92		%
Magnesium	24-2	1767.06	1840.28	1799.83	1802.39	2.03	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-13	Instrumnet Name :	P8
Client Sample ID :	LF1-0036	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:24:55	DataFile Name :	038SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.20	29.63	29.46	29.10	2.68	ppb
Molybdenum	94-1	1.82	1.81	1.77	1.80	1.48	ppb
Molybdenum	95-1	1.23	1.11	1.21	1.18	5.59	ppb
Molybdenum	96-1	1.28	1.19	1.24	1.23	3.43	ppb
Molybdenum	97-1	1.25	1.26	1.16	1.23	4.45	ppb
Molybdenum	98-1	1.19	1.32	1.17	1.23	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.07	0.18	0.10	73.70	ppb
Phosphorus	31-2	46.39	143.50	47.43	79.11	70.49	ppb
Potassium	39-2	1485.80	1493.01	1495.24	1491.35	0.33	ppb
Rhodium	103-1				88		%
Rhodium	103-2				81		%
Scandium	45-1				81		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	1.22	-1.16	-0.37		ppb
Selenium	82-1	-0.44	-0.06	0.65	0.05	1082.57	ppb
Silicon	28-1	5400.02	5171.78	5084.04	5218.61	3.13	ppb
Silver	109-1	0.10	0.11	0.12	0.11	8.81	ppb
Silver	107-1	0.12	0.12	0.11	0.12	6.11	ppb
Sodium	23-2	102506.55	101399.76	105225.66	103043.99	1.91	ppb
Strontium	86-1	38.66	36.97	36.71	37.45	2.83	ppb
Strontium	88-1	39.55	37.34	37.13	38.01	3.52	ppb
Sulfur	34-1	4277.69	3524.51	3028.43	3610.21	17.42	ppb
Terbium	159-1				96		%
Terbium	159-2				85		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.05	-0.04	-0.04	-0.05		ppb
Tin	118-1	2.29	2.40	2.34	2.34	2.39	ppb
Titanium	47-1	0.73	0.56	0.65	0.65	12.67	ppb
Uranium	238-1	1.23	1.18	1.11	1.17	5.51	ppb
Vanadium	51-2	0.14	0.13	0.11	0.13	9.85	ppb
Yttrium	89-1				87		%
Yttrium	89-2				74		%
Zinc	66-2	8.12	7.51	7.81	7.81	3.91	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-13	Instrumnet Name :	P8
Client Sample ID :	LF1-0036	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:24:55	DataFile Name :	038SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.64	0.58	0.56	0.59	7.59	ppb
Zirconium	91-1	0.64	0.57	0.62	0.61	5.75	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-14	Instrumnet Name :	P8
Client Sample ID :	LF1-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:28:14	DataFile Name :	039SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	3.46	6.25	3.24	96.32	ppb
Antimony	121-1	0.09	0.06	0.10	0.08	25.25	ppb
Arsenic	75-2	-0.11	-0.10	-0.13	-0.11		ppb
Barium	135-1	-0.02	-0.01	-0.03	-0.02		ppb
Barium	137-1	-0.02	-0.04	-0.01	-0.02		ppb
Beryllium	9-1	-0.12	-0.09	-0.10	-0.10		ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	10-1	3.53	4.18	3.68	3.80	8.88	ppb
Boron	11-1	4.74	3.84	4.25	4.28	10.48	ppb
Cadmium	111-1	-0.25	-0.28	-0.32	-0.28		ppb
Cadmium	106-1	-3.53	-3.85	-4.34	-3.90		ppb
Cadmium	108-1	0.07	-0.06	0.07	0.03	262.79	ppb
Calcium	43-1	9.29	9.24	12.71	10.42	19.10	ppb
Calcium	44-1	25.30	23.72	22.24	23.75	6.43	ppb
Chromium	52-2	0.01	0.18	0.09	0.10	85.76	ppb
Cobalt	59-2	-0.11	-0.09	-0.11	-0.10		ppb
Copper	63-2	0.67	0.60	0.60	0.62	6.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				100		%
Iron	56-2	21.76	26.35	22.65	23.59	10.32	ppb
Iron	57-2	27.17	24.78	25.72	25.89	4.64	ppb
Krypton	83-1						cps
Lead	206-1	-0.07	-0.08	-0.06	-0.07		ppb
Lead	207-1	-0.07	-0.05	-0.05	-0.06		ppb
Lead	208-1	-0.07	-0.07	-0.06	-0.07		ppb
Lithium	6-1				104		%
Magnesium	24-2	3.87	6.66	5.28	5.27	26.51	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-14	Instrumnet Name :	P8
Client Sample ID :	LF1-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:28:14	DataFile Name :	039SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.41	0.64	0.54	0.53	21.53	ppb
Molybdenum	94-1	-0.03	0.02	-0.02	-0.01		ppb
Molybdenum	95-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	96-1	-0.05	-0.04	-0.06	-0.05		ppb
Molybdenum	97-1	-0.04	-0.02	-0.04	-0.03		ppb
Molybdenum	98-1	-0.03	-0.03	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-19.17	-19.17	5.64	-10.90		ppb
Potassium	39-2	-0.15	34.51	15.50	16.62	104.45	ppb
Rhodium	103-1				115		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	-0.22	-1.16	-0.56		ppb
Selenium	82-1	0.46	0.29	1.18	0.64	72.63	ppb
Silicon	28-1	-24.14	-21.48	-22.48	-22.70		ppb
Silver	109-1	0.05	0.02	0.03	0.03	31.52	ppb
Silver	107-1	0.03	0.06	0.05	0.05	30.19	ppb
Sodium	23-2	60.06	72.07	74.74	68.96	11.34	ppb
Strontium	86-1	0.05	0.02	0.04	0.04	40.64	ppb
Strontium	88-1	0.10	0.11	0.09	0.10	7.35	ppb
Sulfur	34-1	-3958.26	-3623.30	-3782.90	-3788.15		ppb
Terbium	159-1				120		%
Terbium	159-2				105		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.05	-0.06	-0.05		ppb
Tin	118-1	-0.03	0.00	-0.03	-0.02		ppb
Titanium	47-1	0.04	0.01	0.04	0.03	71.19	ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.05	-0.03	-0.03	-0.04		ppb
Yttrium	89-1				114		%
Yttrium	89-2				98		%
Zinc	66-2	5.73	6.66	6.24	6.21	7.50	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-14	Instrumnet Name :	P8
Client Sample ID :	LF1-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:28:14	DataFile Name :	039SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	73.06	ppb
Zirconium	91-1	-0.01	0.00	0.04	0.01	374.17	ppb

LB Number : LB96709 Operator : Jaswal
 Lab Sample ID : J4010-01 Instrumnet Name : P8
 Client Sample ID : SS003RW114R-180713 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-17 16:31:34 DataFile Name : 040SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.74	48.54	44.51	45.93	4.93	ppb
Antimony	121-1	0.98	1.07	1.15	1.07	7.74	ppb
Arsenic	75-2	11.68	12.17	12.56	12.14	3.65	ppb
Barium	135-1	23.20	24.08	23.30	23.53	2.05	ppb
Barium	137-1	23.48	24.35	23.81	23.88	1.83	ppb
Beryllium	9-1	-0.09	-0.08	-0.08	-0.09		ppb
Bismuth	209-1				96		%
Bismuth	209-2				82		%
Boron	10-1	728.07	720.31	746.05	731.47	1.81	ppb
Boron	11-1	729.83	728.12	740.34	732.77	0.90	ppb
Cadmium	111-1	0.13	0.17	0.00	0.10	92.09	ppb
Cadmium	106-1	-4.47	-4.05	-4.65	-4.39		ppb
Cadmium	108-1	0.55	0.20	0.31	0.35	50.13	ppb
Calcium	43-1	448607.83	442559.00	445342.78	445503.21	0.68	ppb
Calcium	44-1	445485.05	448898.59	447051.54	447145.06	0.38	ppb
Chromium	52-2	2.39	2.85	2.86	2.70	9.97	ppb
Cobalt	59-2	25.61	25.49	26.45	25.85	2.02	ppb
Copper	63-2	21.58	21.59	22.27	21.81	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				87		%
Indium	115-1				91		%
Indium	115-2				76		%
Iron	56-2	1181.66	1173.85	1208.29	1187.93	1.52	ppb
Iron	57-2	1161.76	1163.64	1195.38	1173.59	1.61	ppb
Krypton	83-1						cps
Lead	206-1	20.19	20.99	20.85	20.68	2.07	ppb
Lead	207-1	18.70	18.97	18.83	18.83	0.72	ppb
Lead	208-1	19.52	20.05	19.85	19.81	1.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	27868.38	27832.35	28281.08	27993.94	0.89	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J4010-01	Instrumnet Name :	P8
Client Sample ID :	SS003RW114R-180713	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:31:34	DataFile Name :	040SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2241.02	2223.00	2284.64	2249.55	1.41	ppb
Molybdenum	94-1	2.13	2.11	2.02	2.09	2.67	ppb
Molybdenum	95-1	2.09	2.25	2.04	2.13	5.12	ppb
Molybdenum	96-1	2.02	2.27	2.10	2.13	6.03	ppb
Molybdenum	97-1	2.17	2.05	2.39	2.20	7.91	ppb
Molybdenum	98-1	2.20	2.14	2.19	2.18	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	234.69	233.58	239.27	235.85	1.28	ppb
Phosphorus	31-2	46.14	143.56	14.72	68.14	98.59	ppb
Potassium	39-2	7083.13	6998.85	7377.52	7153.17	2.78	ppb
Rhodium	103-1				86		%
Rhodium	103-2				79		%
Scandium	45-1				83		%
Scandium	45-2				69		%
Selenium	77-2	0.00	0.00	8.01	2.67	173.21	ppb
Selenium	78-2	-0.02	-1.16	1.24	0.02	6028.93	ppb
Selenium	82-1	0.63	0.54	0.79	0.65	19.81	ppb
Silicon	28-1	11441.63	11459.47	11336.01	11412.37	0.58	ppb
Silver	109-1	0.15	0.11	0.13	0.13	16.49	ppb
Silver	107-1	0.13	0.14	0.14	0.14	4.41	ppb
Sodium	23-2	556603.74	555360.53	567469.62	559811.29	1.19	ppb
Strontium	86-1	929.42	956.44	935.50	940.45	1.51	ppb
Strontium	88-1	932.47	944.69	937.55	938.24	0.65	ppb
Sulfur	34-1	493055.28	494651.05	494919.12	494208.48	0.20	ppb
Terbium	159-1				98		%
Terbium	159-2				86		%
Thallium	203-1	0.14	0.12	0.14	0.13	8.37	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	0.54	ppb
Tin	118-1	2.47	2.48	2.61	2.52	3.12	ppb
Titanium	47-1	2.13	3.47	2.00	2.54	32.11	ppb
Uranium	238-1	3.15	3.28	3.29	3.24	2.39	ppb
Vanadium	51-2	8.38	8.16	8.70	8.41	3.23	ppb
Yttrium	89-1				90		%
Yttrium	89-2				76		%
Zinc	66-2	17.51	15.30	17.18	16.67	7.15	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J4010-01	Instrumnet Name :	P8
Client Sample ID :	SS003RW114R-180713	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:31:34	DataFile Name :	040SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.46	0.36	0.39	0.40	12.62	ppb
Zirconium	91-1	0.42	0.41	0.38	0.40	4.65	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:42:40	DataFile Name :	041CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46482.70	46389.93	47403.56	46758.73	1.20	ppb
Antimony	121-1	478.80	477.94	474.21	476.99	0.51	ppb
Arsenic	75-2	477.40	469.36	470.77	472.51	0.91	ppb
Barium	135-1	2441.74	2447.56	2448.39	2445.90	0.15	ppb
Barium	137-1	2463.73	2436.31	2436.46	2445.50	0.65	ppb
Beryllium	9-1	510.87	510.82	509.03	510.24	0.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	489.08	516.24	523.31	509.54	3.55	ppb
Boron	11-1	496.95	519.15	522.62	512.91	2.72	ppb
Cadmium	111-1	470.28	466.86	465.53	467.56	0.52	ppb
Cadmium	106-1	458.30	462.67	459.44	460.14	0.49	ppb
Cadmium	108-1	470.40	473.47	465.00	469.62	0.91	ppb
Calcium	43-1	233880.87	232145.02	230097.92	232041.27	0.82	ppb
Calcium	44-1	232702.18	232562.42	230850.55	232038.38	0.44	ppb
Chromium	52-2	485.40	494.99	494.35	491.58	1.09	ppb
Cobalt	59-2	471.04	478.48	485.20	478.24	1.48	ppb
Copper	63-2	917.19	930.44	938.81	928.81	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	120394.61	122200.16	124096.39	122230.39	1.51	ppb
Iron	57-2	119932.39	121923.99	123504.64	121787.01	1.47	ppb
Krypton	83-1						cps
Lead	206-1	494.07	497.76	499.56	497.13	0.56	ppb
Lead	207-1	503.20	495.24	501.93	500.12	0.86	ppb
Lead	208-1	500.37	495.39	502.88	499.54	0.76	ppb
Lithium	6-1				90		%
Magnesium	24-2	233168.00	234921.36	238901.39	235663.58	1.25	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:42:40	DataFile Name :	041CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	939.07	949.04	967.80	951.97	1.53	ppb
Molybdenum	94-1	2427.50	2425.89	2425.67	2426.35	0.04	ppb
Molybdenum	95-1	2448.96	2410.88	2436.02	2431.95	0.80	ppb
Molybdenum	96-1	2447.92	2420.37	2429.78	2432.69	0.58	ppb
Molybdenum	97-1	2446.15	2429.70	2456.86	2444.24	0.56	ppb
Molybdenum	98-1	2456.05	2429.23	2433.99	2439.76	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.78	479.86	486.16	480.60	1.09	ppb
Phosphorus	31-2	9715.24	8378.86	9241.93	9112.01	7.44	ppb
Potassium	39-2	116764.81	118340.09	119906.13	118337.01	1.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	581.90	528.38	460.49	523.59	11.62	ppb
Selenium	78-2	450.09	425.97	445.35	440.47	2.90	ppb
Selenium	82-1	468.42	468.26	470.77	469.15	0.30	ppb
Silicon	28-1	486.33	490.81	485.26	487.46	0.60	ppb
Silver	109-1	483.68	482.12	481.41	482.40	0.24	ppb
Silver	107-1	479.35	478.63	479.13	479.04	0.08	ppb
Sodium	23-2	234082.40	237323.19	240721.23	237375.60	1.40	ppb
Strontium	86-1	481.26	476.85	479.84	479.32	0.47	ppb
Strontium	88-1	485.69	483.75	481.05	483.50	0.48	ppb
Sulfur	34-1	7517.01	7386.95	7359.16	7421.04	1.14	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	503.15	497.17	504.03	501.45	0.74	ppb
Thallium	205-1	497.49	488.02	492.75	492.75	0.96	ppb
Tin	118-1	489.77	482.71	486.46	486.31	0.73	ppb
Titanium	47-1	2440.17	2451.02	2447.39	2446.20	0.23	ppb
Uranium	238-1	500.13	494.41	499.14	497.89	0.61	ppb
Vanadium	51-2	473.90	478.84	486.64	479.79	1.34	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	910.01	925.78	938.15	924.65	1.53	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:42:40	DataFile Name :	041CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	486.29	485.22	483.45	484.98	0.30	ppb
Zirconium	91-1	477.71	475.16	474.74	475.87	0.34	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:49:34	DataFile Name :	042CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.78	-0.03	-1.39	-1.40		ppb
Antimony	121-1	0.25	0.28	0.27	0.27	4.89	ppb
Arsenic	75-2	-0.06	-0.11	-0.15	-0.11		ppb
Barium	135-1	-0.04	-0.06	-0.03	-0.04		ppb
Barium	137-1	-0.08	-0.08	-0.08	-0.08		ppb
Beryllium	9-1	-0.04	-0.01	-0.06	-0.04		ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	7.95	6.77	6.18	6.97	12.93	ppb
Boron	11-1	6.94	7.40	6.98	7.11	3.65	ppb
Cadmium	111-1	-0.19	-0.28	-0.28	-0.25		ppb
Cadmium	106-1	-2.08	-3.22	-3.41	-2.90		ppb
Cadmium	108-1	-0.09	0.02	-0.01	-0.03		ppb
Calcium	43-1	-8.56	-1.38	-1.80	-3.91		ppb
Calcium	44-1	4.76	3.98	2.32	3.68	33.78	ppb
Chromium	52-2	-0.02	-0.08	-0.04	-0.05		ppb
Cobalt	59-2	-0.12	-0.13	-0.13	-0.13		ppb
Copper	63-2	0.01	-0.02	-0.05	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	1.38	1.15	1.16	1.23	10.43	ppb
Iron	57-2	0.86	2.98	1.30	1.72	65.17	ppb
Krypton	83-1						cps
Lead	206-1	-0.07	-0.06	-0.07	-0.07		ppb
Lead	207-1	-0.07	-0.06	-0.07	-0.07		ppb
Lead	208-1	-0.06	-0.07	-0.07	-0.06		ppb
Lithium	6-1				102		%
Magnesium	24-2	3.20	4.28	3.51	3.66	15.18	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:49:34	DataFile Name :	042CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.03	0.01	-0.01		ppb
Molybdenum	94-1	0.23	0.29	0.21	0.24	16.72	ppb
Molybdenum	95-1	0.24	0.22	0.22	0.23	5.19	ppb
Molybdenum	96-1	0.22	0.19	0.12	0.17	30.80	ppb
Molybdenum	97-1	0.23	0.25	0.24	0.24	4.97	ppb
Molybdenum	98-1	0.19	0.21	0.19	0.20	7.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.12	-0.19	-0.17		ppb
Phosphorus	31-2	3.67	-19.17	3.72	-3.92		ppb
Potassium	39-2	-21.12	-3.18	-10.68	-11.66		ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	-0.31	-1.16	-0.88		ppb
Selenium	82-1	-0.01	-0.12	-0.46	-0.20		ppb
Silicon	28-1	-20.29	-19.30	-19.73	-19.77		ppb
Silver	109-1	0.02	0.04	0.02	0.03	28.66	ppb
Silver	107-1	0.04	0.03	0.03	0.04	16.43	ppb
Sodium	23-2	37.90	33.11	37.97	36.33	7.68	ppb
Strontium	86-1	-0.07	-0.06	-0.04	-0.06		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	42.15	ppb
Sulfur	34-1	-2897.76	-2825.98	-2863.57	-2862.44		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.07	0.08	0.06	0.07	10.19	ppb
Titanium	47-1	0.00	0.03	0.02	0.02	126.28	ppb
Uranium	238-1	-0.09	-0.10	-0.10	-0.09		ppb
Vanadium	51-2	-0.04	-0.07	-0.05	-0.05		ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	0.79	0.59	0.79	0.72	16.25	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:49:34	DataFile Name :	042CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.05	0.05	12.29	ppb
Zirconium	91-1	0.07	0.05	0.04	0.05	25.83	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06	Instrumnet Name :	P8
Client Sample ID :	LF1-0030	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:52:54	DataFile Name :	043SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	186.82	241.55	191.36	206.58	14.70	ppb
Antimony	121-1	1.31	1.13	1.12	1.19	9.17	ppb
Arsenic	75-2	234.43	234.28	231.45	233.39	0.72	ppb
Barium	135-1	46.22	46.13	46.70	46.35	0.66	ppb
Barium	137-1	46.58	46.44	46.78	46.60	0.36	ppb
Beryllium	9-1	0.01	-0.06	-0.05	-0.03		ppb
Bismuth	209-1				102		%
Bismuth	209-2				87		%
Boron	10-1	32.77	30.40	31.61	31.60	3.75	ppb
Boron	11-1	31.89	29.95	30.27	30.70	3.37	ppb
Cadmium	111-1	-0.27	-0.25	-0.18	-0.23		ppb
Cadmium	106-1	-4.07	-4.08	-3.18	-3.78		ppb
Cadmium	108-1	0.04	0.08	0.15	0.09	63.98	ppb
Calcium	43-1	31820.45	32285.25	31572.09	31892.60	1.14	ppb
Calcium	44-1	31494.08	32160.11	31629.52	31761.23	1.11	ppb
Chromium	52-2	3.61	4.01	3.87	3.83	5.29	ppb
Cobalt	59-2	4.13	4.13	4.14	4.14	0.08	ppb
Copper	63-2	4.89	4.97	4.95	4.94	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				88		%
Indium	115-1				94		%
Indium	115-2				77		%
Iron	56-2	206968.17	209496.84	209053.86	208506.29	0.65	ppb
Iron	57-2	206733.61	212721.21	212451.30	210635.37	1.61	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.21	0.23	8.84	ppb
Lead	207-1	0.21	0.22	0.20	0.21	4.07	ppb
Lead	208-1	0.24	0.22	0.19	0.22	12.99	ppb
Lithium	6-1				94		%
Magnesium	24-2	11643.08	11594.32	11730.62	11656.01	0.59	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06	Instrumnet Name :	P8
Client Sample ID :	LF1-0030	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:52:54	DataFile Name :	043SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3303.99	3350.37	3348.75	3334.37	0.79	ppb
Molybdenum	94-1	2.70	2.53	2.07	2.43	13.47	ppb
Molybdenum	95-1	0.66	0.64	0.60	0.64	4.31	ppb
Molybdenum	96-1	1.22	1.27	1.04	1.17	10.31	ppb
Molybdenum	97-1	0.70	0.66	0.77	0.71	7.66	ppb
Molybdenum	98-1	0.76	0.72	0.66	0.71	6.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	2.18	2.14	2.07	7.55	ppb
Phosphorus	31-2	267.94	240.76	239.52	249.41	6.44	ppb
Potassium	39-2	6245.05	6329.12	6312.64	6295.61	0.71	ppb
Rhodium	103-1				91		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				71		%
Selenium	77-2	23.22	0.00	0.00	7.74	173.21	ppb
Selenium	78-2	1.16	-0.01	0.00	0.38	175.02	ppb
Selenium	82-1	1.97	0.76	1.04	1.26	50.14	ppb
Silicon	28-1	7198.92	7277.39	7071.78	7182.70	1.44	ppb
Silver	109-1	0.32	0.27	0.24	0.28	14.43	ppb
Silver	107-1	0.34	0.26	0.21	0.27	24.57	ppb
Sodium	23-2	6973.01	7102.84	7064.17	7046.67	0.95	ppb
Strontium	86-1	262.77	264.59	262.36	263.24	0.45	ppb
Strontium	88-1	269.59	265.02	266.11	266.91	0.89	ppb
Sulfur	34-1	-892.49	-821.34	-1081.30	-931.71		ppb
Terbium	159-1				100		%
Terbium	159-2				87		%
Thallium	203-1	0.08	0.06	0.05	0.06	24.80	ppb
Thallium	205-1	0.09	0.04	0.03	0.05	61.98	ppb
Tin	118-1	2.45	2.55	2.53	2.51	2.01	ppb
Titanium	47-1	6.26	46.97	6.04	19.76	119.30	ppb
Uranium	238-1	0.02	0.03	0.03	0.02	22.64	ppb
Vanadium	51-2	3.50	3.08	3.53	3.37	7.51	ppb
Yttrium	89-1				92		%
Yttrium	89-2				76		%
Zinc	66-2	8.62	11.52	11.00	10.38	14.91	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06	Instrumnet Name :	P8
Client Sample ID :	LF1-0030	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:52:54	DataFile Name :	043SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.49	1.23	1.12	1.28	14.80	ppb
Zirconium	91-1	1.60	1.35	1.35	1.44	9.87	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07	Instrumnet Name :	P8
Client Sample ID :	LF1-0031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:56:11	DataFile Name :	044SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	242.24	201.38	224.63	222.75	9.20	ppb
Antimony	121-1	0.74	0.78	0.76	0.76	2.62	ppb
Arsenic	75-2	221.24	225.70	223.26	223.40	1.00	ppb
Barium	135-1	43.51	42.72	43.70	43.31	1.20	ppb
Barium	137-1	44.08	44.34	44.66	44.36	0.65	ppb
Beryllium	9-1	-0.02	-0.01	-0.03	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				87		%
Boron	10-1	25.10	27.02	29.67	27.26	8.42	ppb
Boron	11-1	28.74	28.72	28.47	28.64	0.52	ppb
Cadmium	111-1	-0.24	-0.25	-0.32	-0.27		ppb
Cadmium	106-1	-3.96	-3.40	-4.42	-3.93		ppb
Cadmium	108-1	0.00	0.00	0.11	0.04	185.04	ppb
Calcium	43-1	30136.75	30308.95	30042.75	30162.82	0.45	ppb
Calcium	44-1	30060.32	30118.05	30290.90	30156.42	0.40	ppb
Chromium	52-2	3.09	3.09	3.05	3.08	0.64	ppb
Cobalt	59-2	4.40	4.13	3.87	4.13	6.47	ppb
Copper	63-2	4.35	4.41	3.99	4.25	5.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				88		%
Indium	115-1				94		%
Indium	115-2				77		%
Iron	56-2	201310.59	202110.23	198784.84	200735.22	0.86	ppb
Iron	57-2	202520.86	201296.19	199600.24	201139.10	0.73	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.19	0.17	0.17	9.77	ppb
Lead	207-1	0.15	0.15	0.15	0.15	1.46	ppb
Lead	208-1	0.14	0.18	0.15	0.16	13.50	ppb
Lithium	6-1				94		%
Magnesium	24-2	11326.03	11307.71	11032.85	11222.20	1.46	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07	Instrumnet Name :	P8
Client Sample ID :	LF1-0031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:56:11	DataFile Name :	044SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3211.39	3189.68	3138.72	3179.93	1.17	ppb
Molybdenum	94-1	1.45	1.40	1.43	1.43	1.98	ppb
Molybdenum	95-1	0.55	0.53	0.56	0.55	2.80	ppb
Molybdenum	96-1	0.95	0.94	0.99	0.96	2.69	ppb
Molybdenum	97-1	0.55	0.55	0.48	0.53	7.75	ppb
Molybdenum	98-1	0.58	0.62	0.54	0.58	6.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.28	2.17	1.72	2.06	14.28	ppb
Phosphorus	31-2	243.61	310.89	271.76	275.42	12.27	ppb
Potassium	39-2	5998.14	6129.66	5921.47	6016.42	1.75	ppb
Rhodium	103-1				91		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.32	0.00	-0.01	0.77	173.55	ppb
Selenium	82-1	1.36	1.67	1.43	1.49	10.79	ppb
Silicon	28-1	6789.01	6810.41	6713.42	6770.95	0.75	ppb
Silver	109-1	0.09	0.08	0.10	0.09	9.75	ppb
Silver	107-1	0.09	0.12	0.10	0.10	11.32	ppb
Sodium	23-2	6887.91	6824.37	6737.08	6816.45	1.11	ppb
Strontium	86-1	245.97	245.59	245.77	245.78	0.08	ppb
Strontium	88-1	251.54	253.77	249.04	251.45	0.94	ppb
Sulfur	34-1	-953.47	-1120.79	-1358.78	-1144.35		ppb
Terbium	159-1				101		%
Terbium	159-2				87		%
Thallium	203-1	-0.04	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	2.07	2.20	2.37	2.22	6.78	ppb
Titanium	47-1	6.27	7.39	6.53	6.73	8.67	ppb
Uranium	238-1	0.03	0.01	0.01	0.02	59.76	ppb
Vanadium	51-2	3.15	3.62	2.73	3.17	14.04	ppb
Yttrium	89-1				92		%
Yttrium	89-2				76		%
Zinc	66-2	12.13	12.39	12.16	12.23	1.15	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07	Instrumnet Name :	P8
Client Sample ID :	LF1-0031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:56:11	DataFile Name :	044SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.76	0.71	0.63	0.70	9.79	ppb
Zirconium	91-1	0.85	0.83	0.90	0.86	3.72	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09	Instrumnet Name :	P8
Client Sample ID :	LF1-0034	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:59:28	DataFile Name :	045SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.06	1.30	13.50	9.95	75.72	ppb
Antimony	121-1	0.87	1.02	0.99	0.96	8.09	ppb
Arsenic	75-2	0.40	0.13	0.17	0.24	62.58	ppb
Barium	135-1	10.05	10.54	10.79	10.46	3.59	ppb
Barium	137-1	10.80	10.81	10.96	10.86	0.82	ppb
Beryllium	9-1	-0.11	-0.08	-0.06	-0.08		ppb
Bismuth	209-1				100		%
Bismuth	209-2				86		%
Boron	10-1	17.58	17.05	15.60	16.74	6.12	ppb
Boron	11-1	16.63	16.62	17.60	16.95	3.31	ppb
Cadmium	111-1	-0.34	-0.33	-0.29	-0.32		ppb
Cadmium	106-1	-4.21	-3.99	-3.53	-3.91		ppb
Cadmium	108-1	-0.04	-0.07	-0.03	-0.05		ppb
Calcium	43-1	10903.79	11185.42	11221.20	11103.47	1.57	ppb
Calcium	44-1	11136.80	11293.08	11547.53	11325.80	1.83	ppb
Chromium	52-2	0.66	0.58	0.72	0.65	11.18	ppb
Cobalt	59-2	-0.10	-0.11	-0.09	-0.10		ppb
Copper	63-2	4.07	4.29	4.01	4.12	3.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				85		%
Indium	115-1				91		%
Indium	115-2				75		%
Iron	56-2	30.53	30.16	31.01	30.57	1.40	ppb
Iron	57-2	36.70	32.69	32.02	33.80	7.48	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	0.01	0.00	-0.01		ppb
Lead	207-1	0.01	-0.02	0.01	0.00		ppb
Lead	208-1	-0.02	-0.01	0.00	-0.01		ppb
Lithium	6-1				88		%
Magnesium	24-2	2965.32	3067.43	3011.37	3014.71	1.70	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09	Instrumnet Name :	P8
Client Sample ID :	LF1-0034	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:59:28	DataFile Name :	045SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.30	1.28	0.94	1.17	17.37	ppb
Molybdenum	94-1	0.14	0.24	0.17	0.18	25.74	ppb
Molybdenum	95-1	0.10	0.09	0.10	0.10	7.80	ppb
Molybdenum	96-1	0.10	0.14	0.07	0.10	31.06	ppb
Molybdenum	97-1	0.07	0.05	0.09	0.07	30.08	ppb
Molybdenum	98-1	0.18	0.16	0.18	0.17	5.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	-0.09	0.07	0.04	304.41	ppb
Phosphorus	31-2	-19.17	-19.17	-19.17	-19.17		ppb
Potassium	39-2	1309.33	1304.06	1229.71	1281.03	3.48	ppb
Rhodium	103-1				89		%
Rhodium	103-2				82		%
Scandium	45-1				81		%
Scandium	45-2				69		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	-1.16	-1.16	-1.16		ppb
Selenium	82-1	-0.84	-0.72	0.28	-0.42		ppb
Silicon	28-1	5683.62	5736.79	5885.90	5768.77	1.82	ppb
Silver	109-1	0.09	0.09	0.09	0.09	4.63	ppb
Silver	107-1	0.08	0.08	0.07	0.08	4.12	ppb
Sodium	23-2	3623.13	3804.11	3722.41	3716.55	2.44	ppb
Strontium	86-1	56.59	59.56	59.54	58.56	2.92	ppb
Strontium	88-1	57.77	59.51	60.30	59.20	2.18	ppb
Sulfur	34-1	1916.63	1971.20	2159.25	2015.69	6.31	ppb
Terbium	159-1				97		%
Terbium	159-2				85		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	2.07	2.18	2.34	2.19	6.30	ppb
Titanium	47-1	1.03	0.82	0.90	0.91	11.96	ppb
Uranium	238-1	-0.09	-0.09	-0.09	-0.09		ppb
Vanadium	51-2	0.12	0.04	0.06	0.07	57.20	ppb
Yttrium	89-1				88		%
Yttrium	89-2				73		%
Zinc	66-2	8.21	8.41	8.57	8.40	2.11	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09	Instrumnet Name :	P8
Client Sample ID :	LF1-0034	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:59:28	DataFile Name :	045SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.09	0.08	13.95	ppb
Zirconium	91-1	0.06	0.07	0.10	0.08	23.21	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09DUP	Instrumnet Name :	P8
Client Sample ID :	LF1-0034DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:02:47	DataFile Name :	046SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.46	13.97	5.41	8.28	59.48	ppb
Antimony	121-1	1.10	1.14	1.24	1.16	6.42	ppb
Arsenic	75-2	0.26	0.14	0.23	0.21	28.03	ppb
Barium	135-1	11.08	10.92	10.90	10.97	0.89	ppb
Barium	137-1	11.04	10.54	10.73	10.77	2.32	ppb
Beryllium	9-1	-0.07	-0.08	-0.10	-0.08		ppb
Bismuth	209-1				101		%
Bismuth	209-2				85		%
Boron	10-1	15.23	15.90	17.17	16.10	6.11	ppb
Boron	11-1	15.38	15.70	16.07	15.72	2.18	ppb
Cadmium	111-1	-0.39	-0.48	-0.37	-0.41		ppb
Cadmium	106-1	-4.93	-5.96	-4.56	-5.15		ppb
Cadmium	108-1	-0.08	-0.12	-0.08	-0.09		ppb
Calcium	43-1	11304.81	10798.39	11216.40	11106.53	2.44	ppb
Calcium	44-1	11619.90	11219.27	11430.60	11423.26	1.75	ppb
Chromium	52-2	0.58	0.62	0.53	0.57	8.03	ppb
Cobalt	59-2	-0.09	-0.10	-0.09	-0.09		ppb
Copper	63-2	4.17	4.45	3.86	4.16	7.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				85		%
Indium	115-1				92		%
Indium	115-2				74		%
Iron	56-2	27.09	25.39	25.96	26.15	3.30	ppb
Iron	57-2	29.23	25.16	29.68	28.03	8.88	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.03	0.00	-0.02		ppb
Lead	207-1	-0.04	-0.04	-0.01	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.01	-0.03		ppb
Lithium	6-1				87		%
Magnesium	24-2	3136.54	3216.78	3108.49	3153.94	1.78	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09DUP	Instrumnet Name :	P8
Client Sample ID :	LF1-0034DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:02:47	DataFile Name :	046SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.07	1.04	1.02	5.71	ppb
Molybdenum	94-1	0.23	0.16	0.21	0.20	18.74	ppb
Molybdenum	95-1	0.07	0.06	0.08	0.07	16.88	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.04	37.19	ppb
Molybdenum	97-1	0.11	0.03	0.05	0.07	62.95	ppb
Molybdenum	98-1	0.19	0.12	0.14	0.15	24.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.06	0.05	0.05	12.18	ppb
Phosphorus	31-2	14.79	15.35	-19.17	3.66	540.36	ppb
Potassium	39-2	1347.68	1359.99	1214.61	1307.42	6.17	ppb
Rhodium	103-1				90		%
Rhodium	103-2				81		%
Scandium	45-1				81		%
Scandium	45-2				67		%
Selenium	77-2	0.00	0.00	8.11	2.70	173.21	ppb
Selenium	78-2	0.04	-1.16	2.50	0.46	406.80	ppb
Selenium	82-1	-0.33	-1.29	-0.98	-0.87		ppb
Silicon	28-1	5905.64	5729.36	5785.55	5806.85	1.55	ppb
Silver	109-1	0.08	0.07	0.08	0.08	6.29	ppb
Silver	107-1	0.07	0.08	0.09	0.08	14.10	ppb
Sodium	23-2	3860.65	3985.60	3837.60	3894.62	2.04	ppb
Strontium	86-1	58.60	59.08	59.32	59.00	0.62	ppb
Strontium	88-1	59.61	59.46	59.38	59.48	0.19	ppb
Sulfur	34-1	1780.15	1256.76	1347.36	1461.42	19.14	ppb
Terbium	159-1				99		%
Terbium	159-2				84		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Tin	118-1	2.00	2.02	2.22	2.08	5.80	ppb
Titanium	47-1	1.63	0.59	0.80	1.01	54.77	ppb
Uranium	238-1	-0.09	-0.09	-0.09	-0.09		ppb
Vanadium	51-2	0.06	0.08	0.16	0.10	56.86	ppb
Yttrium	89-1				89		%
Yttrium	89-2				72		%
Zinc	66-2	8.72	9.08	8.34	8.71	4.23	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09DUP	Instrumnet Name :	P8
Client Sample ID :	LF1-0034DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:02:47	DataFile Name :	046SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.11	0.09	0.10	15.01	ppb
Zirconium	91-1	0.10	0.08	0.06	0.08	23.69	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09LX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0034L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:06:06	DataFile Name :	047SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.80	0.73	-1.04	0.16	631.03	ppb
Antimony	121-1	0.19	0.17	0.23	0.20	14.39	ppb
Arsenic	75-2	-0.09	-0.09	-0.14	-0.11		ppb
Barium	135-1	1.95	1.97	1.87	1.93	2.82	ppb
Barium	137-1	1.96	1.89	1.98	1.94	2.53	ppb
Beryllium	9-1	-0.09	-0.08	-0.14	-0.10		ppb
Bismuth	209-1				113		%
Bismuth	209-2				97		%
Boron	10-1	5.45	4.58	5.76	5.26	11.68	ppb
Boron	11-1	6.80	5.92	5.97	6.23	7.95	ppb
Cadmium	111-1	-0.39	-0.48	-0.43	-0.43		ppb
Cadmium	106-1	-4.57	-6.08	-5.27	-5.31		ppb
Cadmium	108-1	-0.09	-0.15	-0.05	-0.10		ppb
Calcium	43-1	2171.03	2025.77	2089.49	2095.43	3.47	ppb
Calcium	44-1	2152.73	2125.93	2131.85	2136.84	0.66	ppb
Chromium	52-2	0.08	0.10	0.14	0.11	28.20	ppb
Cobalt	59-2	-0.12	-0.12	-0.13	-0.12		ppb
Copper	63-2	0.75	0.70	0.73	0.73	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				87		%
Iron	56-2	6.40	6.47	6.28	6.38	1.50	ppb
Iron	57-2	10.39	5.75	7.33	7.82	30.11	ppb
Krypton	83-1						cps
Lead	206-1	-0.10	-0.09	-0.10	-0.10		ppb
Lead	207-1	-0.10	-0.08	-0.10	-0.09		ppb
Lead	208-1	-0.09	-0.09	-0.10	-0.09		ppb
Lithium	6-1				90		%
Magnesium	24-2	601.37	605.00	620.04	608.80	1.63	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09LX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0034L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:06:06	DataFile Name :	047SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.17	0.08	0.12	0.12	34.73	ppb
Molybdenum	94-1	-0.02	0.01	0.00	0.00		ppb
Molybdenum	95-1	-0.02	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.05	-0.06	-0.02	-0.05		ppb
Molybdenum	97-1	-0.02	-0.04	-0.06	-0.04		ppb
Molybdenum	98-1	-0.02	-0.03	-0.04	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.24	-0.09	-0.16		ppb
Phosphorus	31-2	-19.17	-19.17	-19.17	-19.17		ppb
Potassium	39-2	255.17	258.25	247.48	253.63	2.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				79		%
Selenium	77-2	6.97	6.84	6.81	6.87	1.22	ppb
Selenium	78-2	0.93	-0.13	1.91	0.90	113.30	ppb
Selenium	82-1	-0.16	-0.46	-0.67	-0.43		ppb
Silicon	28-1	1116.73	1098.97	1090.48	1102.06	1.22	ppb
Silver	109-1	0.03	0.03	0.02	0.03	22.62	ppb
Silver	107-1	0.03	0.03	0.03	0.03	11.87	ppb
Sodium	23-2	783.07	761.68	767.59	770.78	1.43	ppb
Strontium	86-1	11.05	11.13	10.83	11.00	1.40	ppb
Strontium	88-1	11.23	11.06	11.19	11.16	0.83	ppb
Sulfur	34-1	-2367.65	-2519.51	-2357.32	-2414.83		ppb
Terbium	159-1				111		%
Terbium	159-2				96		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.06	-0.06	-0.06		ppb
Tin	118-1	0.14	0.17	0.20	0.17	19.21	ppb
Titanium	47-1	0.08	0.16	0.15	0.13	30.45	ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.03	-0.01	-0.01	-0.02		ppb
Yttrium	89-1				102		%
Yttrium	89-2				85		%
Zinc	66-2	2.32	2.17	2.05	2.18	6.34	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09LX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0034L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:06:06	DataFile Name :	047SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.00	190.20	ppb
Zirconium	91-1	0.00	0.04	-0.03	0.00	1176.19	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-10	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:09:26	DataFile Name :	048SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8567.32	8197.25	8408.55	8391.04	2.21	ppb
Antimony	121-1	534.09	478.37	472.98	495.15	6.83	ppb
Arsenic	75-2	482.29	485.50	494.03	487.27	1.25	ppb
Barium	135-1	2542.98	2255.88	2213.97	2337.61	7.66	ppb
Barium	137-1	2547.46	2248.59	2205.97	2334.01	7.97	ppb
Beryllium	9-1	493.53	450.24	437.69	460.49	6.36	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	10-1	447.11	417.33	412.07	425.50	4.44	ppb
Boron	11-1	417.90	397.06	405.26	406.74	2.58	ppb
Cadmium	111-1	517.58	458.27	456.18	477.34	7.30	ppb
Cadmium	106-1	507.95	442.49	447.20	465.88	7.84	ppb
Cadmium	108-1	504.31	448.79	450.04	467.71	6.78	ppb
Calcium	43-1	63616.74	56204.61	55294.94	58372.10	7.82	ppb
Calcium	44-1	64018.52	55839.74	54839.47	58232.58	8.65	ppb
Chromium	52-2	513.45	519.52	517.08	516.68	0.59	ppb
Cobalt	59-2	532.97	537.84	542.35	537.72	0.87	ppb
Copper	63-2	1014.84	1027.40	1031.55	1024.60	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				85		%
Indium	115-1				87		%
Indium	115-2				73		%
Iron	56-2	24465.77	24476.83	24951.30	24631.30	1.13	ppb
Iron	57-2	24221.04	24489.33	24607.60	24439.32	0.81	ppb
Krypton	83-1						cps
Lead	206-1	559.54	497.62	495.18	517.44	7.05	ppb
Lead	207-1	543.05	486.07	479.61	502.91	6.94	ppb
Lead	208-1	553.04	496.59	488.47	512.70	6.86	ppb
Lithium	6-1				82		%
Magnesium	24-2	50298.16	50893.81	51013.45	50735.14	0.76	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-10	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:09:26	DataFile Name :	048SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	919.44	910.76	921.87	917.36	0.64	ppb
Molybdenum	94-1	2670.34	2371.94	2341.56	2461.28	7.38	ppb
Molybdenum	95-1	2601.45	2298.24	2299.53	2399.74	7.28	ppb
Molybdenum	96-1	2610.19	2323.73	2310.10	2414.67	7.02	ppb
Molybdenum	97-1	2625.08	2321.90	2302.28	2416.42	7.49	ppb
Molybdenum	98-1	2621.15	2314.17	2291.54	2408.95	7.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.48	545.12	548.88	545.83	0.51	ppb
Phosphorus	31-2	-19.17	-19.17	-19.17	-19.17		ppb
Potassium	39-2	22326.24	22652.54	22824.09	22600.96	1.12	ppb
Rhodium	103-1				85		%
Rhodium	103-2				80		%
Scandium	45-1				78		%
Scandium	45-2				68		%
Selenium	77-2	432.99	564.75	375.47	457.74	21.20	ppb
Selenium	78-2	451.07	476.91	412.52	446.83	7.25	ppb
Selenium	82-1	540.02	483.74	474.46	499.40	7.10	ppb
Silicon	28-1	6790.84	5965.27	5942.70	6232.94	7.75	ppb
Silver	109-1	413.74	370.08	364.62	382.81	7.03	ppb
Silver	107-1	414.43	364.56	362.44	380.48	7.73	ppb
Sodium	23-2	52463.04	52890.14	53188.67	52847.28	0.69	ppb
Strontium	86-1	602.12	535.67	533.17	556.99	7.02	ppb
Strontium	88-1	613.36	543.39	532.64	563.13	7.78	ppb
Sulfur	34-1	3372.19	1612.92	1294.39	2093.17	53.46	ppb
Terbium	159-1				95		%
Terbium	159-2				84		%
Thallium	203-1	563.54	506.07	500.37	523.33	6.68	ppb
Thallium	205-1	559.42	500.19	498.37	519.33	6.69	ppb
Tin	118-1	480.98	431.23	424.80	445.67	6.90	ppb
Titanium	47-1	2571.45	2251.60	2227.11	2350.05	8.18	ppb
Uranium	238-1	555.21	499.72	492.55	515.83	6.65	ppb
Vanadium	51-2	508.79	507.21	511.75	509.25	0.45	ppb
Yttrium	89-1				86		%
Yttrium	89-2				72		%
Zinc	66-2	943.93	952.41	960.75	952.36	0.88	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-10	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:09:26	DataFile Name :	048SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	558.97	492.77	485.74	512.50	7.88	ppb
Zirconium	91-1	545.74	484.19	479.73	503.22	7.33	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-11	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:12:38	DataFile Name :	049SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8834.76	9369.04	8487.90	8897.23	4.99	ppb
Antimony	121-1	473.81	476.60	474.89	475.10	0.30	ppb
Arsenic	75-2	491.46	534.51	484.38	503.45	5.39	ppb
Barium	135-1	2302.77	2282.60	2279.88	2288.41	0.55	ppb
Barium	137-1	2281.85	2292.51	2279.10	2284.49	0.31	ppb
Beryllium	9-1	451.01	440.44	441.76	444.41	1.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				80		%
Boron	10-1	426.12	430.18	443.53	433.28	2.10	ppb
Boron	11-1	403.42	408.92	420.30	410.88	2.10	ppb
Cadmium	111-1	454.61	458.51	460.56	457.89	0.66	ppb
Cadmium	106-1	433.27	446.49	450.32	443.36	2.02	ppb
Cadmium	108-1	454.83	450.86	452.51	452.73	0.44	ppb
Calcium	43-1	56150.26	57142.92	56539.71	56610.97	0.88	ppb
Calcium	44-1	56424.32	57002.30	56305.94	56577.52	0.66	ppb
Chromium	52-2	526.90	576.41	514.94	539.42	6.04	ppb
Cobalt	59-2	546.37	598.98	534.01	559.79	6.16	ppb
Copper	63-2	1070.79	1169.30	1047.66	1095.91	5.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				82		%
Indium	115-1				90		%
Indium	115-2				70		%
Iron	56-2	25719.32	28303.88	24916.03	26313.08	6.73	ppb
Iron	57-2	25719.24	27957.96	24630.19	26102.47	6.50	ppb
Krypton	83-1						cps
Lead	206-1	502.37	496.22	501.34	499.98	0.66	ppb
Lead	207-1	483.00	484.94	488.90	485.61	0.62	ppb
Lead	208-1	493.01	495.10	496.88	495.00	0.39	ppb
Lithium	6-1				84		%
Magnesium	24-2	53559.15	58090.56	52194.15	54614.62	5.65	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-11	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:12:38	DataFile Name :	049SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.03	1039.98	928.37	975.46	5.93	ppb
Molybdenum	94-1	2381.71	2380.20	2412.96	2391.62	0.77	ppb
Molybdenum	95-1	2354.50	2356.51	2367.86	2359.62	0.31	ppb
Molybdenum	96-1	2360.85	2371.90	2387.21	2373.32	0.56	ppb
Molybdenum	97-1	2397.54	2349.62	2396.31	2381.16	1.15	ppb
Molybdenum	98-1	2362.95	2376.27	2377.36	2372.19	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.10	606.67	541.36	567.71	6.07	ppb
Phosphorus	31-2	-19.17	-19.17	14.60	-7.91		ppb
Potassium	39-2	23503.93	25513.47	22773.62	23930.34	5.93	ppb
Rhodium	103-1				87		%
Rhodium	103-2				76		%
Scandium	45-1				81		%
Scandium	45-2				65		%
Selenium	77-2	391.95	632.27	474.88	499.70	24.43	ppb
Selenium	78-2	466.75	425.38	442.13	444.75	4.68	ppb
Selenium	82-1	474.90	471.81	477.71	474.81	0.62	ppb
Silicon	28-1	6200.32	6240.70	6131.03	6190.68	0.90	ppb
Silver	109-1	364.30	365.67	366.30	365.42	0.28	ppb
Silver	107-1	364.02	367.55	364.62	365.40	0.52	ppb
Sodium	23-2	54680.07	60597.53	53353.83	56210.48	6.86	ppb
Strontium	86-1	534.02	538.19	535.85	536.02	0.39	ppb
Strontium	88-1	540.57	542.28	544.21	542.35	0.34	ppb
Sulfur	34-1	1563.60	1502.31	1300.39	1455.44	9.46	ppb
Terbium	159-1				98		%
Terbium	159-2				81		%
Thallium	203-1	509.22	497.77	505.44	504.14	1.16	ppb
Thallium	205-1	503.60	493.85	495.48	497.64	1.05	ppb
Tin	118-1	437.52	438.17	439.03	438.24	0.17	ppb
Titanium	47-1	2305.62	2309.93	2304.69	2306.75	0.12	ppb
Uranium	238-1	498.46	501.91	495.19	498.52	0.67	ppb
Vanadium	51-2	518.51	566.16	504.86	529.84	6.07	ppb
Yttrium	89-1				88		%
Yttrium	89-2				69		%
Zinc	66-2	989.18	1071.60	963.56	1008.11	5.60	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-11	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:12:38	DataFile Name :	049SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.22	488.17	492.73	491.04	0.51	ppb
Zirconium	91-1	481.32	482.13	482.91	482.12	0.16	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09A	Instrumnet Name :	P8
Client Sample ID :	LF1-0034A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:15:49	DataFile Name :	050SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8632.57	8070.79	8580.59	8427.98	3.68	ppb
Antimony	121-1	478.70	494.08	467.68	480.15	2.76	ppb
Arsenic	75-2	486.80	486.27	483.68	485.59	0.34	ppb
Barium	135-1	2289.72	2363.61	2254.62	2302.65	2.42	ppb
Barium	137-1	2295.22	2364.91	2243.41	2301.18	2.65	ppb
Beryllium	9-1	460.66	464.30	446.50	457.16	2.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Boron	10-1	423.00	444.30	446.93	438.08	3.00	ppb
Boron	11-1	418.06	428.48	419.15	421.89	1.36	ppb
Cadmium	111-1	463.27	476.34	455.64	465.08	2.25	ppb
Cadmium	106-1	442.72	472.66	441.67	452.35	3.89	ppb
Cadmium	108-1	451.50	473.56	435.08	453.38	4.26	ppb
Calcium	43-1	56331.68	58365.70	56165.57	56954.32	2.15	ppb
Calcium	44-1	56064.18	58074.62	56420.31	56853.04	1.89	ppb
Chromium	52-2	523.87	509.34	511.20	514.80	1.54	ppb
Cobalt	59-2	545.28	530.36	532.28	535.97	1.51	ppb
Copper	63-2	1057.91	1027.38	1028.38	1037.89	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				84		%
Indium	115-1				90		%
Indium	115-2				72		%
Iron	56-2	25359.14	24556.62	24699.66	24871.80	1.72	ppb
Iron	57-2	25388.43	24570.88	24536.60	24831.97	1.94	ppb
Krypton	83-1						cps
Lead	206-1	512.32	516.82	505.63	511.59	1.10	ppb
Lead	207-1	493.89	499.01	487.27	493.39	1.19	ppb
Lead	208-1	502.37	512.61	499.20	504.73	1.39	ppb
Lithium	6-1				82		%
Magnesium	24-2	52312.61	50755.87	51090.44	51386.31	1.59	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09A	Instrumnet Name :	P8
Client Sample ID :	LF1-0034A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:15:49	DataFile Name :	050SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	943.09	916.59	920.72	926.80	1.54	ppb
Molybdenum	94-1	2398.35	2451.93	2380.40	2410.23	1.54	ppb
Molybdenum	95-1	2365.17	2401.80	2306.60	2357.86	2.04	ppb
Molybdenum	96-1	2382.07	2402.35	2324.37	2369.60	1.71	ppb
Molybdenum	97-1	2389.38	2437.88	2357.07	2394.78	1.70	ppb
Molybdenum	98-1	2356.26	2424.12	2350.74	2377.04	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.22	539.25	542.96	544.14	1.03	ppb
Phosphorus	31-2	-19.17	-19.17	14.13	-8.07		ppb
Potassium	39-2	23400.86	22468.50	22490.57	22786.65	2.33	ppb
Rhodium	103-1				87		%
Rhodium	103-2				80		%
Scandium	45-1				80		%
Scandium	45-2				68		%
Selenium	77-2	448.44	566.30	499.37	504.71	11.71	ppb
Selenium	78-2	431.20	424.68	417.96	424.61	1.56	ppb
Selenium	82-1	485.38	495.69	477.84	486.30	1.84	ppb
Silicon	28-1	6080.73	6281.43	6088.10	6150.09	1.85	ppb
Silver	109-1	374.28	383.00	359.35	372.21	3.21	ppb
Silver	107-1	368.61	379.36	365.33	371.10	1.98	ppb
Sodium	23-2	53791.42	52832.04	52516.73	53046.73	1.25	ppb
Strontium	86-1	539.52	551.06	537.42	542.67	1.35	ppb
Strontium	88-1	548.38	557.07	542.86	549.44	1.30	ppb
Sulfur	34-1	1546.39	1699.01	1531.66	1592.35	5.82	ppb
Terbium	159-1				97		%
Terbium	159-2				84		%
Thallium	203-1	511.90	521.43	512.31	515.21	1.05	ppb
Thallium	205-1	509.01	518.34	505.69	511.01	1.28	ppb
Tin	118-1	436.80	455.28	426.69	439.59	3.30	ppb
Titanium	47-1	2290.93	2360.93	2305.23	2319.03	1.59	ppb
Uranium	238-1	506.97	517.33	506.54	510.28	1.20	ppb
Vanadium	51-2	516.20	505.89	505.98	509.36	1.16	ppb
Yttrium	89-1				88		%
Yttrium	89-2				73		%
Zinc	66-2	979.46	942.29	949.29	957.01	2.06	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09A	Instrumnet Name :	P8
Client Sample ID :	LF1-0034A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:15:49	DataFile Name :	050SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.67	506.35	491.25	497.42	1.59	ppb
Zirconium	91-1	486.86	497.42	478.37	487.55	1.96	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-12	Instrumnet Name :	P8
Client Sample ID :	LF1-0029	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:19:01	DataFile Name :	051SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.17	24.37	13.62	19.39	27.93	ppb
Antimony	121-1	0.93	0.95	0.96	0.94	1.42	ppb
Arsenic	75-2	191.31	192.25	186.29	189.95	1.69	ppb
Barium	135-1	93.88	93.99	92.76	93.54	0.72	ppb
Barium	137-1	93.77	95.38	94.88	94.68	0.87	ppb
Beryllium	9-1	0.16	0.21	0.20	0.19	13.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				82		%
Boron	10-1	51.95	51.59	51.42	51.65	0.52	ppb
Boron	11-1	53.08	51.45	49.57	51.37	3.42	ppb
Cadmium	111-1	-0.21	-0.36	-0.25	-0.28		ppb
Cadmium	106-1	-3.94	-5.29	-3.89	-4.37		ppb
Cadmium	108-1	-0.12	0.20	-0.11	-0.01		ppb
Calcium	43-1	105705.31	104992.35	106465.07	105720.91	0.70	ppb
Calcium	44-1	103158.01	104985.96	105560.49	104568.15	1.20	ppb
Chromium	52-2	0.99	0.99	1.05	1.01	3.30	ppb
Cobalt	59-2	0.22	0.31	0.22	0.25	19.68	ppb
Copper	63-2	2.94	2.81	2.91	2.89	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				84		%
Indium	115-1				91		%
Indium	115-2				73		%
Iron	56-2	23732.43	23710.76	23080.50	23507.90	1.58	ppb
Iron	57-2	23781.56	23364.86	22866.56	23337.66	1.96	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.04	0.04	27.32	ppb
Lead	207-1	0.04	0.04	0.01	0.03	63.65	ppb
Lead	208-1	0.05	0.03	0.03	0.03	25.78	ppb
Lithium	6-1				82		%
Magnesium	24-2	29957.57	29509.37	29117.16	29528.03	1.42	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-12	Instrumnet Name :	P8
Client Sample ID :	LF1-0029	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:19:01	DataFile Name :	051SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	414.76	410.45	401.71	408.97	1.63	ppb
Molybdenum	94-1	2.47	2.24	2.33	2.35	4.96	ppb
Molybdenum	95-1	1.35	1.36	1.16	1.29	8.79	ppb
Molybdenum	96-1	1.50	1.32	1.34	1.39	7.14	ppb
Molybdenum	97-1	1.32	1.34	1.05	1.24	13.13	ppb
Molybdenum	98-1	1.31	1.25	1.11	1.22	8.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.21	2.45	2.37	6.12	ppb
Phosphorus	31-2	118.43	15.25	82.24	71.97	72.74	ppb
Potassium	39-2	7418.37	7530.42	7383.24	7444.01	1.03	ppb
Rhodium	103-1				88		%
Rhodium	103-2				79		%
Scandium	45-1				81		%
Scandium	45-2				67		%
Selenium	77-2	0.00	8.13	0.00	2.71	173.21	ppb
Selenium	78-2	-1.16	1.28	-1.16	-0.35		ppb
Selenium	82-1	0.70	0.16	0.30	0.39	71.68	ppb
Silicon	28-1	10336.87	10481.50	10496.83	10438.40	0.85	ppb
Silver	109-1	0.08	0.07	0.07	0.07	5.09	ppb
Silver	107-1	0.08	0.08	0.07	0.08	11.16	ppb
Sodium	23-2	74208.93	73173.41	72203.64	73195.33	1.37	ppb
Strontium	86-1	734.57	754.12	741.35	743.35	1.34	ppb
Strontium	88-1	742.03	755.63	745.81	747.83	0.94	ppb
Sulfur	34-1	-2088.15	-1931.20	-1727.49	-1915.61		ppb
Terbium	159-1				99		%
Terbium	159-2				83		%
Thallium	203-1	0.17	0.11	0.15	0.14	22.42	ppb
Thallium	205-1	0.19	0.14	0.11	0.15	26.84	ppb
Tin	118-1	5.17	5.45	5.32	5.31	2.69	ppb
Titanium	47-1	2.03	2.22	1.99	2.08	5.84	ppb
Uranium	238-1	0.30	0.31	0.30	0.30	2.03	ppb
Vanadium	51-2	0.48	0.47	0.46	0.47	1.93	ppb
Yttrium	89-1				89		%
Yttrium	89-2				72		%
Zinc	66-2	7.93	7.77	8.23	7.97	2.93	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-12	Instrumnet Name :	P8
Client Sample ID :	LF1-0029	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:19:01	DataFile Name :	051SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.01	0.97	0.89	0.96	6.26	ppb
Zirconium	91-1	0.95	0.98	0.86	0.93	6.71	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0037DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:22:19	DataFile Name :	052SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	395.51	470.55	407.96	424.67	9.47	ppb
Antimony	121-1	0.27	0.25	0.26	0.26	3.85	ppb
Arsenic	75-2	0.68	0.54	0.83	0.69	21.09	ppb
Barium	135-1	2.80	3.10	3.02	2.97	5.12	ppb
Barium	137-1	2.96	3.48	2.80	3.08	11.59	ppb
Beryllium	9-1	0.09	0.22	0.03	0.11	89.51	ppb
Bismuth	209-1				111		%
Bismuth	209-2				94		%
Boron	10-1	16.04	13.80	15.04	14.96	7.49	ppb
Boron	11-1	15.75	15.99	15.60	15.78	1.23	ppb
Cadmium	111-1	0.01	-0.11	-0.06	-0.05		ppb
Cadmium	106-1	-3.04	-4.68	-4.31	-4.01		ppb
Cadmium	108-1	0.33	0.16	0.20	0.23	38.68	ppb
Calcium	43-1	12983.79	13195.57	13255.53	13144.96	1.09	ppb
Calcium	44-1	13103.83	13339.74	13492.09	13311.88	1.47	ppb
Chromium	52-2	4.03	4.43	4.25	4.24	4.83	ppb
Cobalt	59-2	0.94	0.94	1.04	0.97	5.90	ppb
Copper	63-2	3.26	3.36	3.43	3.35	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				95		%
Indium	115-1				104		%
Indium	115-2				85		%
Iron	56-2	840.35	857.60	888.86	862.27	2.85	ppb
Iron	57-2	818.10	843.55	907.99	856.55	5.41	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.64	0.60	0.61	3.39	ppb
Lead	207-1	0.53	0.52	0.49	0.51	3.52	ppb
Lead	208-1	0.56	0.59	0.56	0.57	3.24	ppb
Lithium	6-1				87		%
Magnesium	24-2	3235.17	3128.32	3344.55	3236.01	3.34	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0037DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:22:19	DataFile Name :	052SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	490.61	491.14	511.42	497.72	2.38	ppb
Molybdenum	94-1	0.50	0.57	0.61	0.56	9.25	ppb
Molybdenum	95-1	0.43	0.52	0.40	0.45	13.33	ppb
Molybdenum	96-1	0.42	0.39	0.41	0.40	2.92	ppb
Molybdenum	97-1	0.52	0.42	0.45	0.46	11.51	ppb
Molybdenum	98-1	0.45	0.38	0.43	0.42	8.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.88	2.81	3.11	2.93	5.32	ppb
Phosphorus	31-2	10.27	10.50	-19.17	0.53	3195.55	ppb
Potassium	39-2	375.04	359.99	410.87	381.97	6.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				76		%
Selenium	77-2	6.97	20.90	0.00	9.29	114.54	ppb
Selenium	78-2	-0.12	3.03	-1.16	0.58	373.89	ppb
Selenium	82-1	-0.47	0.04	-0.53	-0.32		ppb
Silicon	28-1	2041.88	2085.63	2065.44	2064.32	1.06	ppb
Silver	109-1	0.04	0.04	0.03	0.04	20.81	ppb
Silver	107-1	0.03	0.03	0.03	0.03	15.56	ppb
Sodium	23-2	1401.49	1410.22	1429.09	1413.60	1.00	ppb
Strontium	86-1	63.93	64.17	64.77	64.29	0.67	ppb
Strontium	88-1	65.21	65.96	65.66	65.61	0.58	ppb
Sulfur	34-1	-2691.73	-2693.69	-2478.55	-2621.32		ppb
Terbium	159-1				109		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.02	0.00	0.02	103.54	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	42.96	ppb
Tin	118-1	0.54	0.51	0.55	0.53	3.94	ppb
Titanium	47-1	22.98	23.53	23.53	23.34	1.36	ppb
Uranium	238-1	0.54	0.51	0.51	0.52	2.67	ppb
Vanadium	51-2	1.03	1.35	1.12	1.17	14.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				83		%
Zinc	66-2	6.61	6.13	6.00	6.25	5.12	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0037DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:22:19	DataFile Name :	052SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.18	0.18	0.18	3.03	ppb
Zirconium	91-1	0.21	0.21	0.14	0.19	22.46	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:39:44	DataFile Name :	053CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46124.26	46447.81	45993.79	46188.62	0.51	ppb
Antimony	121-1	475.12	468.66	476.32	473.37	0.87	ppb
Arsenic	75-2	471.62	472.72	471.04	471.79	0.18	ppb
Barium	135-1	2400.50	2417.42	2423.59	2413.83	0.50	ppb
Barium	137-1	2414.65	2400.34	2394.02	2403.01	0.44	ppb
Beryllium	9-1	500.88	498.73	495.63	498.42	0.53	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	490.98	510.37	501.59	500.98	1.94	ppb
Boron	11-1	480.48	498.67	497.50	492.22	2.07	ppb
Cadmium	111-1	455.29	456.73	460.11	457.38	0.54	ppb
Cadmium	106-1	453.38	456.42	458.14	455.98	0.53	ppb
Cadmium	108-1	453.74	447.98	462.02	454.58	1.55	ppb
Calcium	43-1	226625.79	227565.48	229452.79	227881.35	0.63	ppb
Calcium	44-1	227874.31	226866.97	228230.72	227657.33	0.31	ppb
Chromium	52-2	485.65	493.15	492.53	490.45	0.85	ppb
Cobalt	59-2	475.65	480.96	476.16	477.59	0.61	ppb
Copper	63-2	919.03	930.52	923.35	924.30	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	120847.79	122185.16	121596.02	121542.99	0.55	ppb
Iron	57-2	119281.38	120951.03	119464.28	119898.89	0.76	ppb
Krypton	83-1						cps
Lead	206-1	493.42	489.96	495.80	493.06	0.60	ppb
Lead	207-1	490.60	486.72	485.63	487.65	0.54	ppb
Lead	208-1	493.11	491.58	493.56	492.75	0.21	ppb
Lithium	6-1				89		%
Magnesium	24-2	236428.86	235686.55	235673.12	235929.51	0.18	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:39:44	DataFile Name :	053CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	931.56	939.88	939.76	937.07	0.51	ppb
Molybdenum	94-1	2440.23	2426.79	2405.67	2424.23	0.72	ppb
Molybdenum	95-1	2399.12	2412.72	2408.71	2406.85	0.29	ppb
Molybdenum	96-1	2419.96	2421.68	2406.21	2415.95	0.35	ppb
Molybdenum	97-1	2447.93	2451.94	2429.49	2443.12	0.49	ppb
Molybdenum	98-1	2417.88	2417.72	2407.08	2414.23	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.18	481.23	478.29	479.23	0.36	ppb
Phosphorus	31-2	9136.71	9365.29	9563.27	9355.09	2.28	ppb
Potassium	39-2	114687.29	117713.15	116163.10	116187.85	1.30	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	354.11	399.21	412.67	388.66	7.89	ppb
Selenium	78-2	419.07	408.46	448.80	425.44	4.91	ppb
Selenium	82-1	461.89	468.17	457.45	462.50	1.16	ppb
Silicon	28-1	500.64	510.80	517.60	509.68	1.67	ppb
Silver	109-1	464.88	463.17	470.43	466.16	0.81	ppb
Silver	107-1	467.73	469.74	471.02	469.50	0.35	ppb
Sodium	23-2	236954.68	238165.26	237150.56	237423.50	0.27	ppb
Strontium	86-1	480.46	480.81	476.74	479.34	0.47	ppb
Strontium	88-1	481.32	484.79	477.38	481.16	0.77	ppb
Sulfur	34-1	7459.54	7478.88	7575.52	7504.65	0.83	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	503.00	486.49	488.65	492.71	1.82	ppb
Thallium	205-1	495.43	485.27	492.07	490.92	1.05	ppb
Tin	118-1	476.08	472.64	482.55	477.09	1.06	ppb
Titanium	47-1	2371.86	2405.58	2372.93	2383.46	0.80	ppb
Uranium	238-1	493.44	493.68	493.38	493.50	0.03	ppb
Vanadium	51-2	475.52	479.04	472.80	475.79	0.66	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	904.20	925.00	920.87	916.69	1.20	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:39:44	DataFile Name :	053CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	481.27	484.57	479.35	481.73	0.55	ppb
Zirconium	91-1	472.54	475.00	468.60	472.05	0.68	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:49:56	DataFile Name :	054CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.39	1.56	-2.78	-0.87		ppb
Antimony	121-1	0.15	0.18	0.18	0.17	9.18	ppb
Arsenic	75-2	-0.13	-0.17	-0.15	-0.15		ppb
Barium	135-1	-0.07	-0.05	-0.09	-0.07		ppb
Barium	137-1	-0.09	-0.09	-0.09	-0.09		ppb
Beryllium	9-1	-0.05	-0.05	-0.04	-0.05		ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	6.84	5.01	5.22	5.69	17.56	ppb
Boron	11-1	5.21	5.07	5.84	5.37	7.58	ppb
Cadmium	111-1	-0.30	-0.38	-0.24	-0.31		ppb
Cadmium	106-1	-3.55	-4.62	-2.99	-3.72		ppb
Cadmium	108-1	-0.08	-0.02	-0.08	-0.06		ppb
Calcium	43-1	-2.10	-5.77	1.28	-2.20		ppb
Calcium	44-1	-1.07	-0.02	1.97	0.29	528.85	ppb
Chromium	52-2	-0.10	-0.03	0.00	-0.04		ppb
Cobalt	59-2	-0.13	-0.11	-0.11	-0.12		ppb
Copper	63-2	-0.10	-0.05	-0.09	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	0.78	1.18	0.91	0.95	21.71	ppb
Iron	57-2	-0.44	-0.33	-0.79	-0.52		ppb
Krypton	83-1						cps
Lead	206-1	-0.08	-0.07	-0.08	-0.08		ppb
Lead	207-1	-0.07	-0.06	-0.08	-0.07		ppb
Lead	208-1	-0.08	-0.07	-0.08	-0.07		ppb
Lithium	6-1				98		%
Magnesium	24-2	0.28	0.56	1.76	0.87	90.79	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:49:56	DataFile Name :	054CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	0.00	-0.08	-0.06		ppb
Molybdenum	94-1	0.10	0.10	0.13	0.11	15.88	ppb
Molybdenum	95-1	0.11	0.07	0.14	0.11	31.11	ppb
Molybdenum	96-1	0.08	0.06	0.11	0.08	34.70	ppb
Molybdenum	97-1	0.12	0.06	0.10	0.09	33.91	ppb
Molybdenum	98-1	0.12	0.09	0.13	0.11	17.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.15	-0.16	-0.18		ppb
Phosphorus	31-2	-19.17	-19.17	4.61	-11.24		ppb
Potassium	39-2	-7.00	2.68	-0.66	-1.66		ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	0.59	-1.16	-0.58		ppb
Selenium	82-1	-0.32	0.44	-0.54	-0.14		ppb
Silicon	28-1	-21.31	-22.13	-17.32	-20.25		ppb
Silver	109-1	0.01	0.02	0.02	0.02	31.33	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.88	ppb
Sodium	23-2	18.30	25.60	24.84	22.91	17.50	ppb
Strontium	86-1	-0.08	-0.01	-0.04	-0.04		ppb
Strontium	88-1	0.02	0.00	0.01	0.01	62.21	ppb
Sulfur	34-1	-2530.18	-2825.01	-1961.32	-2438.84		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.04	0.05	0.03	0.04	29.82	ppb
Titanium	47-1	0.01	0.02	0.02	0.02	53.57	ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.04	-0.04	-0.04	-0.04		ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	0.81	0.44	0.70	0.65	29.36	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:49:56	DataFile Name :	054CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.03	0.04	7.97	ppb
Zirconium	91-1	0.01	0.02	0.04	0.02	65.11	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0030DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 17:57:41	DataFile Name :	056SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.05	18.05	36.56	25.89	36.98	ppb
Antimony	121-1	0.15	0.13	0.15	0.14	8.93	ppb
Arsenic	75-2	24.82	23.59	23.90	24.10	2.67	ppb
Barium	135-1	4.98	4.84	4.94	4.92	1.46	ppb
Barium	137-1	4.88	5.02	4.99	4.97	1.49	ppb
Beryllium	9-1	-0.03	-0.06	-0.05	-0.05		ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	6.94	7.70	7.24	7.29	5.24	ppb
Boron	11-1	6.99	7.55	6.65	7.06	6.43	ppb
Cadmium	111-1	-0.25	-0.24	-0.25	-0.25		ppb
Cadmium	106-1	-3.17	-3.39	-3.18	-3.25		ppb
Cadmium	108-1	0.02	0.02	-0.01	0.01	213.61	ppb
Calcium	43-1	3212.34	3315.22	3292.04	3273.20	1.65	ppb
Calcium	44-1	3293.91	3376.93	3290.01	3320.28	1.48	ppb
Chromium	52-2	0.48	0.30	0.30	0.36	29.49	ppb
Cobalt	59-2	0.33	0.30	0.29	0.31	7.60	ppb
Copper	63-2	0.22	0.30	0.25	0.25	14.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	22850.45	20692.50	21275.94	21606.30	5.17	ppb
Iron	57-2	22417.61	20532.97	20812.32	21254.30	4.79	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.04	0.06	26.15	ppb
Lead	207-1	0.03	0.08	0.05	0.05	41.75	ppb
Lead	208-1	0.05	0.06	0.06	0.06	7.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	1312.58	1226.76	1213.05	1250.80	4.31	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0030DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 17:57:41	DataFile Name :	056SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	374.64	335.73	340.69	350.36	6.05	ppb
Molybdenum	94-1	0.38	0.32	0.40	0.37	11.74	ppb
Molybdenum	95-1	0.05	0.06	0.08	0.06	22.36	ppb
Molybdenum	96-1	0.09	0.14	0.12	0.11	23.04	ppb
Molybdenum	97-1	0.05	0.07	0.07	0.06	14.78	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.04	0.08	0.09	60.26	ppb
Phosphorus	31-2	7.44	-19.17	80.60	22.96	225.01	ppb
Potassium	39-2	728.90	625.64	596.22	650.25	10.72	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	6.40	0.00	0.00	2.13	173.21	ppb
Selenium	78-2	-1.16	-0.25	-0.24	-0.55		ppb
Selenium	82-1	0.16	-0.48	-0.46	-0.26		ppb
Silicon	28-1	754.84	772.82	754.97	760.88	1.36	ppb
Silver	109-1	0.05	0.07	0.07	0.06	20.22	ppb
Silver	107-1	0.07	0.06	0.08	0.07	14.92	ppb
Sodium	23-2	794.16	727.72	756.98	759.62	4.38	ppb
Strontium	86-1	27.04	28.43	27.21	27.56	2.75	ppb
Strontium	88-1	27.59	28.30	27.81	27.90	1.31	ppb
Sulfur	34-1	-2667.49	-2434.89	-2530.09	-2544.16		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.00	0.01	0.01	106.21	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	126.44	ppb
Tin	118-1	0.08	0.08	0.09	0.08	3.87	ppb
Titanium	47-1	0.71	0.50	0.60	0.60	17.43	ppb
Uranium	238-1	-0.09	-0.09	-0.08	-0.09		ppb
Vanadium	51-2	0.30	0.28	0.25	0.28	7.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	1.73	1.47	1.77	1.66	9.91	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0030DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 17:57:41	DataFile Name :	056SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.18	0.19	0.19	0.96	ppb
Zirconium	91-1	0.23	0.22	0.18	0.21	13.98	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0031DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 18:01:00	DataFile Name :	057SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.90	21.73	10.86	17.49	33.27	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	8.82	ppb
Arsenic	75-2	22.42	23.08	22.36	22.62	1.78	ppb
Barium	135-1	4.70	4.72	4.46	4.62	3.11	ppb
Barium	137-1	4.50	4.41	4.64	4.52	2.54	ppb
Beryllium	9-1	-0.05	-0.06	-0.09	-0.07		ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	6.26	7.35	6.42	6.68	8.82	ppb
Boron	11-1	6.97	6.38	6.34	6.56	5.40	ppb
Cadmium	111-1	-0.35	-0.30	-0.26	-0.30		ppb
Cadmium	106-1	-4.57	-3.77	-3.32	-3.89		ppb
Cadmium	108-1	-0.02	-0.12	-0.08	-0.07		ppb
Calcium	43-1	3093.07	3117.64	3218.33	3143.01	2.11	ppb
Calcium	44-1	3162.11	3176.25	3192.31	3176.89	0.48	ppb
Chromium	52-2	0.34	0.29	0.26	0.30	12.60	ppb
Cobalt	59-2	0.26	0.31	0.34	0.30	14.18	ppb
Copper	63-2	0.31	0.28	0.24	0.28	13.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	20400.98	20291.31	20108.53	20266.94	0.73	ppb
Iron	57-2	20050.41	20164.36	19664.47	19959.75	1.31	ppb
Krypton	83-1						cps
Lead	206-1	-0.06	-0.07	-0.05	-0.06		ppb
Lead	207-1	-0.05	-0.06	-0.05	-0.05		ppb
Lead	208-1	-0.07	-0.06	-0.06	-0.06		ppb
Lithium	6-1				95		%
Magnesium	24-2	1161.66	1175.08	1124.79	1153.85	2.26	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0031DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 18:01:00	DataFile Name :	057SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	329.46	331.72	329.07	330.09	0.43	ppb
Molybdenum	94-1	0.24	0.31	0.22	0.26	19.21	ppb
Molybdenum	95-1	0.06	0.04	0.01	0.04	67.27	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	30.17	ppb
Molybdenum	97-1	0.06	0.08	0.08	0.07	19.60	ppb
Molybdenum	98-1	0.05	0.04	0.00	0.03	98.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.04	0.05	0.02	228.07	ppb
Phosphorus	31-2	55.61	31.35	5.80	30.92	80.55	ppb
Potassium	39-2	620.27	609.17	618.24	615.90	0.96	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.16	-0.22	-0.24	-0.54		ppb
Selenium	82-1	-0.41	0.01	-0.81	-0.40		ppb
Silicon	28-1	733.09	727.08	733.36	731.18	0.49	ppb
Silver	109-1	0.04	0.05	0.06	0.05	18.94	ppb
Silver	107-1	0.05	0.05	0.06	0.05	13.34	ppb
Sodium	23-2	699.86	734.57	701.48	711.97	2.75	ppb
Strontium	86-1	26.09	25.63	25.65	25.79	1.01	ppb
Strontium	88-1	26.21	26.39	26.45	26.35	0.47	ppb
Sulfur	34-1	-2582.89	-2482.46	-2395.70	-2487.02		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Tin	118-1	0.05	0.05	0.06	0.05	4.48	ppb
Titanium	47-1	0.73	0.57	0.53	0.61	17.24	ppb
Uranium	238-1	-0.08	-0.09	-0.09	-0.08		ppb
Vanadium	51-2	0.21	0.30	0.34	0.29	22.93	ppb
Yttrium	89-1				107		%
Yttrium	89-2				95		%
Zinc	66-2	2.01	2.50	1.72	2.08	19.07	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0031DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 18:01:00	DataFile Name :	057SMPL_P8071718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.15	0.14	0.15	11.19	ppb
Zirconium	91-1	0.20	0.15	0.16	0.17	15.88	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:06:44	DataFile Name :	058CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46291.06	52553.12	47247.51	48697.23	6.93	ppb
Antimony	121-1	473.44	479.44	470.64	474.50	0.95	ppb
Arsenic	75-2	469.70	534.86	480.61	495.06	7.05	ppb
Barium	135-1	2407.78	2448.49	2388.11	2414.79	1.28	ppb
Barium	137-1	2400.50	2438.94	2399.09	2412.84	0.94	ppb
Beryllium	9-1	505.60	503.58	504.18	504.45	0.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	489.64	504.65	513.21	502.50	2.37	ppb
Boron	11-1	492.74	500.17	514.79	502.57	2.23	ppb
Cadmium	111-1	457.85	464.56	453.57	458.66	1.21	ppb
Cadmium	106-1	452.89	469.84	456.44	459.73	1.94	ppb
Cadmium	108-1	459.34	477.11	455.67	464.04	2.47	ppb
Calcium	43-1	232134.47	230591.76	226869.55	229865.26	1.18	ppb
Calcium	44-1	231878.46	231081.97	226613.61	229858.02	1.23	ppb
Chromium	52-2	492.71	557.78	499.96	516.82	6.90	ppb
Cobalt	59-2	479.78	543.83	489.09	504.23	6.86	ppb
Copper	63-2	929.76	1049.20	942.24	973.73	6.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				88		%
Iron	56-2	122007.65	137482.57	124238.75	127909.66	6.54	ppb
Iron	57-2	120326.31	136660.17	123267.70	126751.40	6.87	ppb
Krypton	83-1						cps
Lead	206-1	492.30	491.85	487.84	490.66	0.50	ppb
Lead	207-1	492.27	491.60	490.83	491.57	0.15	ppb
Lead	208-1	492.62	494.07	491.88	492.86	0.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	237398.45	268732.56	240328.69	248819.90	6.96	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:06:44	DataFile Name :	058CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	950.42	1070.52	974.56	998.50	6.36	ppb
Molybdenum	94-1	2436.55	2432.45	2399.06	2422.69	0.85	ppb
Molybdenum	95-1	2408.93	2440.68	2409.90	2419.84	0.75	ppb
Molybdenum	96-1	2428.96	2424.56	2414.49	2422.67	0.31	ppb
Molybdenum	97-1	2426.56	2465.73	2434.68	2442.32	0.85	ppb
Molybdenum	98-1	2408.61	2457.21	2412.37	2426.06	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.93	543.38	488.59	504.63	6.68	ppb
Phosphorus	31-2	9014.79	10679.29	10002.37	9898.82	8.46	ppb
Potassium	39-2	116792.09	132692.45	119542.20	123008.91	6.91	ppb
Rhodium	103-1				95		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	534.16	459.85	490.01	494.67	7.55	ppb
Selenium	78-2	422.92	485.04	443.84	450.60	7.01	ppb
Selenium	82-1	464.94	476.28	474.81	472.01	1.31	ppb
Silicon	28-1	515.38	513.92	511.99	513.76	0.33	ppb
Silver	109-1	471.66	477.20	467.30	472.06	1.05	ppb
Silver	107-1	468.44	481.67	465.13	471.74	1.86	ppb
Sodium	23-2	239537.74	270354.44	242389.63	250760.60	6.79	ppb
Strontium	86-1	479.10	479.73	478.15	478.99	0.17	ppb
Strontium	88-1	483.00	482.13	483.56	482.90	0.15	ppb
Sulfur	34-1	7863.54	7817.89	7478.31	7719.91	2.73	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	494.36	494.44	492.86	493.88	0.18	ppb
Thallium	205-1	486.43	486.77	484.35	485.85	0.27	ppb
Tin	118-1	478.03	488.43	477.34	481.27	1.29	ppb
Titanium	47-1	2434.71	2397.00	2385.30	2405.67	1.07	ppb
Uranium	238-1	492.07	496.96	492.11	493.71	0.57	ppb
Vanadium	51-2	478.56	543.65	488.27	503.49	6.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	920.52	1054.10	937.35	970.65	7.50	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:06:44	DataFile Name :	058CCV_P8071718MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	485.49	487.14	480.08	484.24	0.76	ppb
Zirconium	91-1	475.95	478.55	472.74	475.75	0.61	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:13:09	DataFile Name :	059CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	2.85	0.03	0.98	164.27	ppb
Antimony	121-1	0.34	0.31	0.30	0.32	6.63	ppb
Arsenic	75-2	-0.06	-0.10	-0.06	-0.08		ppb
Barium	135-1	-0.04	-0.05	-0.05	-0.05		ppb
Barium	137-1	-0.06	-0.08	-0.06	-0.07		ppb
Beryllium	9-1	0.00	0.00	-0.03	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	7.53	6.24	6.91	6.89	9.31	ppb
Boron	11-1	7.34	6.62	7.09	7.02	5.20	ppb
Cadmium	111-1	-0.28	-0.34	-0.17	-0.26		ppb
Cadmium	106-1	-3.49	-4.22	-2.17	-3.29		ppb
Cadmium	108-1	-0.12	-0.12	-0.05	-0.10		ppb
Calcium	43-1	3.18	-9.02	-4.57	-3.47		ppb
Calcium	44-1	1.48	3.38	-1.95	0.97	278.26	ppb
Chromium	52-2	0.06	-0.08	-0.08	-0.03		ppb
Cobalt	59-2	-0.11	-0.12	-0.11	-0.11		ppb
Copper	63-2	-0.08	-0.08	-0.11	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	2.26	1.99	1.88	2.05	9.44	ppb
Iron	57-2	0.08	2.24	1.35	1.22	89.01	ppb
Krypton	83-1						cps
Lead	206-1	-0.05	-0.05	-0.05	-0.05		ppb
Lead	207-1	-0.06	-0.05	-0.06	-0.06		ppb
Lead	208-1	-0.06	-0.04	-0.05	-0.05		ppb
Lithium	6-1				98		%
Magnesium	24-2	4.06	1.27	3.03	2.78	50.69	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:13:09	DataFile Name :	059CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.05	-0.05	-0.05		ppb
Molybdenum	94-1	0.25	0.33	0.26	0.28	15.46	ppb
Molybdenum	95-1	0.31	0.27	0.19	0.26	22.27	ppb
Molybdenum	96-1	0.34	0.20	0.28	0.27	27.02	ppb
Molybdenum	97-1	0.34	0.24	0.21	0.26	25.24	ppb
Molybdenum	98-1	0.33	0.25	0.24	0.27	18.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.15	-0.19	-0.17		ppb
Phosphorus	31-2	-19.17	-19.17	3.98	-11.45		ppb
Potassium	39-2	3.18	7.71	5.11	5.33	42.62	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.30	-1.16	-0.30	-0.59		ppb
Selenium	82-1	-0.10	-0.45	-0.64	-0.40		ppb
Silicon	28-1	-19.63	-18.88	-21.29	-19.94		ppb
Silver	109-1	0.44	0.02	0.01	0.16	154.47	ppb
Silver	107-1	0.02	0.03	0.02	0.02	21.92	ppb
Sodium	23-2	30.63	31.35	29.99	30.66	2.23	ppb
Strontium	86-1	0.01	-0.03	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	3.45	ppb
Sulfur	34-1	-2521.84	-2265.02	-2662.84	-2483.24		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	0.09	0.13	0.12	0.12	15.58	ppb
Titanium	47-1	0.02	0.02	0.11	0.05	107.01	ppb
Uranium	238-1	-0.09	-0.09	-0.09	-0.09		ppb
Vanadium	51-2	-0.04	-0.04	-0.06	-0.05		ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.65	0.58	1.19	0.81	41.30	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:13:09	DataFile Name :	059CCBE_P8071718MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.07	0.05	28.20	ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	24.12	ppb

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:24:06	DataFile Name :	003CALB_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	67	125	133	108	33.53	cps
Arsenic	75-2	17	2	24	14	79.70	cps
Barium	135-1	158	158	133	150	9.62	cps
Barium	137-1	308	250	242	267	13.62	cps
Beryllium	9-1	150	194	172	172	12.90	cps
Bismuth	209-1	8331471	8409289	7886871	8209210	3.43	cps
Bismuth	209-2	2548309	2490667	2491742	2510239	1.31	cps
Boron	10-1	133	158	150	147	8.65	cps
Boron	11-1	533	542	467	514	8.00	cps
Cadmium	111-1	1814	1926	1509	1750	12.33	cps
Cadmium	106-1	2492	2617	2084	2398	11.64	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Calcium	43-1	592	475	525	531	11.03	cps
Calcium	44-1	12907	13065	13958	13310	4.26	cps
Chromium	52-2	520	503	483	502	3.66	cps
Cobalt	59-2	253	230	203	229	10.93	cps
Copper	63-2	617	653	613	628	3.54	cps
Dysprosium	156-1	42	50	17	36	48.03	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	58	17	8	28	96.44	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	100	92	67	86	20.15	cps
Gadolinium	160-2	27	10	10	16	61.87	cps
Holmium	165-1	12628055	12543474	11790313	12320614	3.74	cps
Holmium	165-2	3019682	3014099	3020780	3018187	0.12	cps
Indium	115-1	9714859	9812549	9234467	9587292	3.23	cps
Indium	115-2	470742	461659	460933	464445	1.18	cps
Iron	56-2	1111	922	1150	1061	11.48	cps
Iron	57-2	44	50	22	39	37.80	cps
Krypton	83-1	300	253	230	261	13.65	cps
Lead	206-1	683	672	761	706	6.86	cps
Lead	207-1	717	672	483	624	19.85	cps
Lead	208-1	2911	2906	2711	2843	4.01	cps
Lithium	6-1	2133799	2178794	2034914	2115836	3.48	cps
Magnesium	24-2	158	208	158	175	16.50	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:24:06	DataFile Name :	003CALB_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	57	37	46	22.36	cps
Molybdenum	94-1	375	358	367	367	2.27	cps
Molybdenum	95-1	225	200	358	261	32.60	cps
Molybdenum	96-1	400	517	550	489	16.11	cps
Molybdenum	97-1	125	175	283	194	41.62	cps
Molybdenum	98-1	383	567	533	494	19.75	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	130	200	174	22.15	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2275	2009	2242	2175	6.68	cps
Rhodium	103-1	9233457	9180856	8663896	9026070	3.49	cps
Rhodium	103-2	2816437	2757253	2749263	2774318	1.32	cps
Scandium	45-1	5641938	5707947	5342608	5564165	3.50	cps
Scandium	45-2	49537	49166	49433	49379	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-27	21	69	21	230.86	cps
Silicon	28-1	262229	260573	264205	262336	0.69	cps
Silver	109-1	67	67	75	69	6.93	cps
Silver	107-1	50	75	92	72	29.04	cps
Sodium	23-2	3626	3476	3334	3478	4.19	cps
Strontium	86-1	525	467	392	461	14.50	cps
Strontium	88-1	117	142	117	125	11.55	cps
Sulfur	34-1	345455	344638	347392	345828	0.41	cps
Terbium	159-1	12923324	12956544	12075903	12651924	3.95	cps
Terbium	159-2	2913414	2863237	2853042	2876564	1.12	cps
Thallium	203-1	425	408	442	425	3.92	cps
Thallium	205-1	983	1033	1208	1075	10.99	cps
Tin	118-1	542	508	550	533	4.14	cps
Titanium	47-1	92	67	83	81	15.80	cps
Uranium	238-1	2084	2084	1992	2053	2.58	cps
Vanadium	51-2	33	43	37	38	13.48	cps
Yttrium	89-1	9945900	9939067	9302178	9729048	3.80	cps
Yttrium	89-2	346670	339724	338550	341648	1.28	cps
Zinc	66-2	47	57	70	58	20.26	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:24:06	DataFile Name :	003CALB_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	633	717	656	8.17	cps
Zirconium	91-1	117	83	192	131	42.50	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:31:40	DataFile Name :	005CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	167	92	139	29.60	cps
Antimony	121-1	14517	13741	13074	13777	5.24	cps
Arsenic	75-2	83	72	80	78	7.22	cps
Barium	135-1	15468	14826	15059	15118	2.15	cps
Barium	137-1	25985	26169	27196	26450	2.47	cps
Beryllium	9-1	1033	1183	1178	1132	7.52	cps
Bismuth	209-1	8514899	8291478	7875092	8227156	3.95	cps
Bismuth	209-2	2426226	2471215	2508976	2468806	1.68	cps
Boron	10-1	2475	2759	2775	2670	6.32	cps
Boron	11-1	13615	13340	14074	13677	2.71	cps
Cadmium	111-1	3180	3006	3232	3139	3.77	cps
Cadmium	106-1	2625	2175	2567	2456	9.97	cps
Cadmium	108-1	100	83	88	90	9.60	cps
Calcium	43-1	8411	8128	8611	8383	2.90	cps
Calcium	44-1	141297	141717	139672	140895	0.77	cps
Chromium	52-2	1920	1984	1987	1964	1.91	cps
Cobalt	59-2	1730	1697	1680	1702	1.50	cps
Copper	63-2	3257	3410	3364	3344	2.35	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	133	100	25	86	64.44	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	12651463	12447001	11740373	12279612	3.89	cps
Holmium	165-2	2970344	3027411	3032094	3009950	1.14	cps
Indium	115-1	9863147	9648182	9113859	9541730	4.04	cps
Indium	115-2	458395	469564	465319	464426	1.21	cps
Iron	56-2	25997	25980	26275	26084	0.64	cps
Iron	57-2	689	561	717	656	12.66	cps
Krypton	83-1	317	270	310	299	8.44	cps
Lead	206-1	4834	5251	4990	5025	4.19	cps
Lead	207-1	4395	4645	5068	4703	7.23	cps
Lead	208-1	20652	21514	21085	21084	2.04	cps
Lithium	6-1	2201977	2174619	2009803	2128800	4.88	cps
Magnesium	24-2	13056	12539	13349	12982	3.16	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:31:40	DataFile Name :	005CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	243	267	249	6.33	cps
Molybdenum	94-1	12306	12131	11706	12048	2.56	cps
Molybdenum	95-1	14809	15084	15142	15012	1.19	cps
Molybdenum	96-1	16144	16311	15885	16113	1.33	cps
Molybdenum	97-1	9187	8862	9329	9126	2.62	cps
Molybdenum	98-1	23563	24214	24039	23939	1.41	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	613	587	610	603	2.41	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	8995	8661	9095	8917	2.55	cps
Rhodium	103-1	9333974	9128427	8542714	9001705	4.56	cps
Rhodium	103-2	2751257	2771878	2758929	2760688	0.38	cps
Scandium	45-1	5757102	5641225	5277810	5558712	4.50	cps
Scandium	45-2	48233	49046	48795	48691	0.86	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	15	11	15	14	15.73	cps
Selenium	82-1	387	488	507	461	14.02	cps
Silicon	28-1	311173	311711	311522	311469	0.09	cps
Silver	109-1	7102	7010	7269	7127	1.84	cps
Silver	107-1	7586	7661	7744	7664	1.03	cps
Sodium	23-2	32981	33290	34058	33443	1.66	cps
Strontium	86-1	2409	2467	2159	2345	6.99	cps
Strontium	88-1	15927	16452	16853	16411	2.83	cps
Sulfur	34-1	346003	345582	347393	346326	0.27	cps
Terbium	159-1	13049464	12851581	11954536	12618527	4.62	cps
Terbium	159-2	2836729	2914193	2863398	2871440	1.37	cps
Thallium	203-1	6177	6527	6377	6360	2.76	cps
Thallium	205-1	15318	14567	15544	15143	3.38	cps
Tin	118-1	24239	24607	24574	24473	0.83	cps
Titanium	47-1	4301	3909	3576	3929	9.24	cps
Uranium	238-1	19332	20877	20067	20092	3.84	cps
Vanadium	51-2	2744	2607	2630	2660	2.75	cps
Yttrium	89-1	9944888	9934802	9192458	9690716	4.45	cps
Yttrium	89-2	339415	341864	343265	341515	0.57	cps
Zinc	66-2	330	290	293	304	7.29	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:31:40	DataFile Name :	005CALS_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9404	9904	10071	9793	3.55	cps
Zirconium	91-1	2092	2109	2084	2095	0.61	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:35:21	DataFile Name :	006CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5710	5693	5501	5635	2.06	cps
Antimony	121-1	344093	346977	349025	346698	0.71	cps
Arsenic	75-2	4080	3986	4014	4027	1.21	cps
Barium	135-1	374668	376874	379737	377093	0.67	cps
Barium	137-1	662784	654884	657880	658516	0.61	cps
Beryllium	9-1	52847	52557	52764	52723	0.28	cps
Bismuth	209-1	7844337	7792383	7950119	7862280	1.02	cps
Bismuth	209-2	2390370	2366076	2349028	2368491	0.88	cps
Boron	10-1	5651	6185	6452	6096	6.69	cps
Boron	11-1	27035	27962	29498	28165	4.42	cps
Cadmium	111-1	78297	78692	78064	78351	0.40	cps
Cadmium	106-1	9946	10471	9829	10082	3.39	cps
Cadmium	108-1	5535	5735	5510	5593	2.21	cps
Calcium	43-1	80683	80799	81880	81121	0.81	cps
Calcium	44-1	1342796	1343924	1323108	1336610	0.88	cps
Chromium	52-2	37728	37243	36778	37250	1.27	cps
Cobalt	59-2	78986	79183	78121	78763	0.72	cps
Copper	63-2	137535	137013	136658	137069	0.32	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	100	58	117	92	32.77	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	12039936	11900791	12032200	11990976	0.65	cps
Holmium	165-2	2887529	2911010	2879258	2892599	0.57	cps
Indium	115-1	9255161	9188269	9266559	9236663	0.46	cps
Indium	115-2	446022	447080	440162	444421	0.84	cps
Iron	56-2	1242371	1247067	1239104	1242848	0.32	cps
Iron	57-2	31397	31475	31247	31373	0.37	cps
Krypton	83-1	340	200	260	267	26.34	cps
Lead	206-1	245027	246772	245637	245812	0.36	cps
Lead	207-1	223203	223165	222064	222811	0.29	cps
Lead	208-1	1000336	1001232	1002191	1001253	0.09	cps
Lithium	6-1	2072907	2055293	2079292	2069164	0.60	cps
Magnesium	24-2	137930	137071	138376	137792	0.48	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:35:21	DataFile Name :	006CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20522	20475	20649	20549	0.44	cps
Molybdenum	94-1	604459	608895	603739	605698	0.46	cps
Molybdenum	95-1	747906	752705	744498	748370	0.55	cps
Molybdenum	96-1	832926	835098	830678	832901	0.27	cps
Molybdenum	97-1	466630	466660	468703	467331	0.25	cps
Molybdenum	98-1	1191676	1204731	1198489	1198298	0.54	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23640	23664	23527	23610	0.31	cps
Phosphorus	31-2	342	342	425	369	13.02	cps
Potassium	39-2	36640	37944	36131	36905	2.53	cps
Rhodium	103-1	8690923	8604351	8700872	8665382	0.61	cps
Rhodium	103-2	2611634	2646082	2581889	2613201	1.23	cps
Scandium	45-1	5423647	5353287	5429726	5402220	0.79	cps
Scandium	45-2	46761	46988	46290	46680	0.76	cps
Selenium	77-2	20	33	33	29	26.64	cps
Selenium	78-2	113	96	119	109	10.58	cps
Selenium	82-1	4662	4713	4603	4659	1.19	cps
Silicon	28-1	445570	446737	448591	446966	0.34	cps
Silver	109-1	368588	367773	363479	366613	0.75	cps
Silver	107-1	384400	384060	385078	384513	0.13	cps
Sodium	23-2	308451	308493	304068	307004	0.83	cps
Strontium	86-1	95575	95718	94024	95105	0.99	cps
Strontium	88-1	808982	817418	817432	814611	0.60	cps
Sulfur	34-1	367129	369846	367177	368051	0.42	cps
Terbium	159-1	12180321	12251288	12368803	12266804	0.78	cps
Terbium	159-2	2746888	2773659	2735106	2751885	0.72	cps
Thallium	203-1	303807	303289	301458	302852	0.41	cps
Thallium	205-1	728917	730696	733936	731183	0.35	cps
Tin	118-1	245370	247363	243335	245356	0.82	cps
Titanium	47-1	199257	201013	198394	199555	0.67	cps
Uranium	238-1	977658	983287	986512	982486	0.46	cps
Vanadium	51-2	26612	27664	26268	26848	2.71	cps
Yttrium	89-1	9474795	9389945	9498289	9454343	0.60	cps
Yttrium	89-2	328078	329267	324272	327205	0.80	cps
Zinc	66-2	12135	12119	11795	12016	1.60	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:35:21	DataFile Name :	006CALS_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	493552	495153	498046	495583	0.46	cps
Zirconium	91-1	111277	110437	111100	110938	0.40	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:39:03	DataFile Name :	007CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14441	13599	14274	14105	3.16	cps
Antimony	121-1	890923	887038	889092	889018	0.22	cps
Arsenic	75-2	10117	9957	9924	9999	1.03	cps
Barium	135-1	956926	945875	952241	951681	0.58	cps
Barium	137-1	1667715	1693564	1706611	1689297	1.17	cps
Beryllium	9-1	132419	130772	131069	131420	0.67	cps
Bismuth	209-1	7880413	7940193	8069321	7963309	1.21	cps
Bismuth	209-2	2377761	2288650	2370015	2345475	2.10	cps
Boron	10-1	14416	14658	14116	14397	1.89	cps
Boron	11-1	66246	70047	69083	68458	2.89	cps
Cadmium	111-1	193056	194881	195611	194516	0.68	cps
Cadmium	106-1	22069	22670	22603	22447	1.47	cps
Cadmium	108-1	14062	13866	13791	13906	1.01	cps
Calcium	43-1	199682	203479	204094	202418	1.18	cps
Calcium	44-1	3294511	3352210	3326135	3324285	0.87	cps
Chromium	52-2	90902	91262	91946	91370	0.58	cps
Cobalt	59-2	196870	195541	195071	195827	0.48	cps
Copper	63-2	337020	338744	337164	337643	0.28	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	12062369	12143575	12131593	12112512	0.36	cps
Holmium	165-2	2940711	2824447	2877172	2880777	2.02	cps
Indium	115-1	9133432	9278282	9350903	9254206	1.20	cps
Indium	115-2	443038	430479	439974	437831	1.50	cps
Iron	56-2	3116362	3112151	3136931	3121815	0.42	cps
Iron	57-2	76766	77252	76710	76909	0.39	cps
Krypton	83-1	333	300	277	303	9.39	cps
Lead	206-1	615458	616063	621192	617571	0.51	cps
Lead	207-1	557197	559094	564971	560420	0.72	cps
Lead	208-1	2516192	2527065	2539602	2527620	0.46	cps
Lithium	6-1	2062640	2061147	2081489	2068425	0.55	cps
Magnesium	24-2	344142	345996	339383	343174	0.99	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:39:03	DataFile Name :	007CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50632	51334	51822	51263	1.17	cps
Molybdenum	94-1	1553881	1543925	1536340	1544716	0.57	cps
Molybdenum	95-1	1896028	1887367	1865847	1883081	0.83	cps
Molybdenum	96-1	2107653	2091673	2102112	2100479	0.39	cps
Molybdenum	97-1	1160925	1169014	1174056	1167998	0.57	cps
Molybdenum	98-1	3041820	3056986	3040994	3046600	0.30	cps
Neodymium	150-1	67	67	73	69	5.59	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	58533	58137	56939	57870	1.43	cps
Phosphorus	31-2	783	883	825	831	6.05	cps
Potassium	39-2	88477	88938	87716	88377	0.70	cps
Rhodium	103-1	8568623	8681596	8722234	8657484	0.92	cps
Rhodium	103-2	2634216	2541654	2585934	2587268	1.79	cps
Scandium	45-1	5346323	5390487	5406851	5381220	0.58	cps
Scandium	45-2	47055	45256	45594	45969	2.08	cps
Selenium	77-2	70	93	77	80	15.03	cps
Selenium	78-2	287	267	239	264	9.15	cps
Selenium	82-1	11655	11587	11567	11603	0.40	cps
Silicon	28-1	703964	700962	698878	701268	0.36	cps
Silver	109-1	916968	919316	916297	917527	0.17	cps
Silver	107-1	959056	958432	958099	958529	0.05	cps
Sodium	23-2	766105	767631	757120	763619	0.74	cps
Strontium	86-1	234583	234176	235877	234879	0.38	cps
Strontium	88-1	2078449	2040961	2054392	2057934	0.92	cps
Sulfur	34-1	404018	401111	400458	401862	0.47	cps
Terbium	159-1	12366838	12472629	12545171	12461546	0.72	cps
Terbium	159-2	2772179	2705937	2763738	2747285	1.31	cps
Thallium	203-1	758099	766191	763764	762684	0.54	cps
Thallium	205-1	1839440	1846388	1846512	1844113	0.22	cps
Tin	118-1	621475	623225	626361	623687	0.40	cps
Titanium	47-1	499617	502269	500680	500856	0.27	cps
Uranium	238-1	2580990	2552515	2578243	2570583	0.61	cps
Vanadium	51-2	67522	66956	66443	66974	0.81	cps
Yttrium	89-1	9438927	9432871	9532222	9468007	0.59	cps
Yttrium	89-2	325649	317440	323795	322295	1.34	cps
Zinc	66-2	29742	29872	29555	29723	0.54	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:39:03	DataFile Name :	007CALS_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1288427	1269471	1280140	1279346	0.74	cps
Zirconium	91-1	286781	286548	284663	285998	0.41	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:42:39	DataFile Name :	008CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28112	27436	27920	27823	1.25	cps
Antimony	121-1	1798504	1818683	1780552	1799246	1.06	cps
Arsenic	75-2	20042	19653	20217	19971	1.45	cps
Barium	135-1	1942129	1960326	1910264	1937573	1.31	cps
Barium	137-1	3328522	3400117	3365231	3364623	1.06	cps
Beryllium	9-1	261976	258674	260555	260402	0.64	cps
Bismuth	209-1	8179684	7166916	8004018	7783539	6.95	cps
Bismuth	209-2	2415154	2345670	2398125	2386316	1.52	cps
Boron	10-1	28103	28813	29373	28763	2.21	cps
Boron	11-1	133667	137368	137933	136323	1.70	cps
Cadmium	111-1	384275	386142	383512	384643	0.35	cps
Cadmium	106-1	43187	42217	43287	42897	1.38	cps
Cadmium	108-1	27871	27883	27996	27917	0.25	cps
Calcium	43-1	403344	402697	402076	402706	0.16	cps
Calcium	44-1	6552618	6577766	6493299	6541228	0.66	cps
Chromium	52-2	179316	180007	180395	179906	0.30	cps
Cobalt	59-2	386632	385375	384617	385542	0.26	cps
Copper	63-2	661363	658750	662836	660983	0.31	cps
Dysprosium	156-1	17	58	8	28	96.44	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	92	92	108	97	9.90	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	12422553	11139286	12325592	11962477	5.97	cps
Holmium	165-2	2960216	2914325	2963292	2945944	0.93	cps
Indium	115-1	9468181	8423906	9280044	9057377	6.15	cps
Indium	115-2	442266	438016	448264	442849	1.16	cps
Iron	56-2	6105982	6041283	6060554	6069273	0.55	cps
Iron	57-2	153996	153047	152322	153122	0.55	cps
Krypton	83-1	333	260	247	280	16.67	cps
Lead	206-1	1241392	1243527	1234030	1239650	0.40	cps
Lead	207-1	1125609	1124288	1124087	1124661	0.07	cps
Lead	208-1	5145581	5113343	5125134	5128019	0.32	cps
Lithium	6-1	2097982	1839246	2074905	2004044	7.14	cps
Magnesium	24-2	672728	678389	669406	673508	0.67	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:42:39	DataFile Name :	008CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	101992	101828	101425	101748	0.29	cps
Molybdenum	94-1	3104677	3070196	3084761	3086545	0.56	cps
Molybdenum	95-1	3788074	3811959	3780514	3793516	0.43	cps
Molybdenum	96-1	4222736	4213494	4159655	4198628	0.81	cps
Molybdenum	97-1	2394942	2437785	2386491	2406406	1.14	cps
Molybdenum	98-1	6016603	6155843	5992437	6054961	1.46	cps
Neodymium	150-1	73	67	87	76	13.48	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	113289	113034	114270	113531	0.57	cps
Phosphorus	31-2	1700	1667	1834	1734	5.09	cps
Potassium	39-2	171035	170403	172495	171311	0.63	cps
Rhodium	103-1	8816958	7814397	8698176	8443177	6.49	cps
Rhodium	103-2	2598728	2572039	2657394	2609387	1.67	cps
Scandium	45-1	5442300	4896601	5429752	5256218	5.93	cps
Scandium	45-2	47173	45838	46995	46669	1.55	cps
Selenium	77-2	127	167	120	138	18.32	cps
Selenium	78-2	461	509	469	480	5.41	cps
Selenium	82-1	23261	23120	23387	23256	0.57	cps
Silicon	28-1	1077783	1102934	1072259	1084325	1.51	cps
Silver	109-1	1854193	1846381	1819948	1840174	0.98	cps
Silver	107-1	1941452	1950035	1935617	1942368	0.37	cps
Sodium	23-2	1512238	1514903	1535738	1520960	0.85	cps
Strontium	86-1	476323	477439	467442	473735	1.16	cps
Strontium	88-1	4113643	4103284	4024764	4080564	1.19	cps
Sulfur	34-1	460010	454822	456107	456980	0.59	cps
Terbium	159-1	12624534	11317776	12520283	12154197	5.98	cps
Terbium	159-2	2834778	2790127	2819039	2814648	0.80	cps
Thallium	203-1	1533871	1552843	1532200	1539638	0.74	cps
Thallium	205-1	3686201	3702571	3678267	3689013	0.34	cps
Tin	118-1	1244121	1252608	1239752	1245494	0.52	cps
Titanium	47-1	998253	996650	995529	996811	0.14	cps
Uranium	238-1	5103577	5094661	5050931	5083056	0.55	cps
Vanadium	51-2	132997	132899	132022	132639	0.40	cps
Yttrium	89-1	9653619	8594802	9529600	9259340	6.25	cps
Yttrium	89-2	330517	321477	332056	328017	1.74	cps
Zinc	66-2	57415	57231	57847	57498	0.55	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:42:39	DataFile Name :	008CALS_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2588054	2584046	2557847	2576649	0.64	cps
Zirconium	91-1	571435	565541	570457	569144	0.55	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:46:09	DataFile Name :	009CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54698	54974	53837	54503	1.09	cps
Antimony	121-1	3539115	3541998	3564387	3548500	0.39	cps
Arsenic	75-2	39018	38960	39114	39031	0.20	cps
Barium	135-1	3820566	3820479	3831454	3824166	0.17	cps
Barium	137-1	6578500	6649472	6529685	6585886	0.91	cps
Beryllium	9-1	507825	504241	510066	507377	0.58	cps
Bismuth	209-1	8004554	8008813	7996609	8003326	0.08	cps
Bismuth	209-2	2333100	2362448	2358391	2351313	0.68	cps
Boron	10-1	56688	56629	58311	57209	1.67	cps
Boron	11-1	267821	268984	274154	270320	1.25	cps
Cadmium	111-1	758967	756321	755913	757067	0.22	cps
Cadmium	106-1	81128	82544	82905	82192	1.14	cps
Cadmium	108-1	54949	55284	54071	54768	1.14	cps
Calcium	43-1	793366	796277	797127	795590	0.25	cps
Calcium	44-1	12969644	12987194	12912987	12956609	0.30	cps
Chromium	52-2	352979	353084	353393	353152	0.06	cps
Cobalt	59-2	753028	757965	759972	756989	0.47	cps
Copper	63-2	1285524	1297179	1301920	1294874	0.65	cps
Dysprosium	156-1	75	75	83	78	6.19	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	8	67	75	50	72.65	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	100	117	142	119	17.56	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	12240941	12375244	12335221	12317135	0.56	cps
Holmium	165-2	2912650	2906213	2923451	2914105	0.30	cps
Indium	115-1	9177711	9243523	9209553	9210262	0.36	cps
Indium	115-2	431402	435129	432731	433087	0.44	cps
Iron	56-2	11849348	11948976	11915874	11904733	0.43	cps
Iron	57-2	299187	302677	303710	301858	0.79	cps
Krypton	83-1	307	267	250	274	10.61	cps
Lead	206-1	2556152	2501664	2524243	2527353	1.08	cps
Lead	207-1	2329945	2285980	2298587	2304838	0.98	cps
Lead	208-1	10328612	10266610	10236978	10277400	0.45	cps
Lithium	6-1	2063357	2052419	2079538	2065105	0.66	cps
Magnesium	24-2	1342487	1342492	1362569	1349183	0.86	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:46:09	DataFile Name :	009CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198039	200253	200342	199545	0.65	cps
Molybdenum	94-1	5986121	5986806	6047768	6006898	0.59	cps
Molybdenum	95-1	7434074	7434196	7408401	7425557	0.20	cps
Molybdenum	96-1	8266249	8243245	8288376	8265957	0.27	cps
Molybdenum	97-1	4693221	4675811	4731854	4700295	0.61	cps
Molybdenum	98-1	11966323	11909489	11972734	11949515	0.29	cps
Neodymium	150-1	187	220	200	202	8.30	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	220372	222904	223696	222324	0.78	cps
Phosphorus	31-2	3234	3267	3050	3184	3.67	cps
Potassium	39-2	330182	336466	335560	334069	1.02	cps
Rhodium	103-1	8487923	8632827	8617883	8579544	0.93	cps
Rhodium	103-2	2573263	2545165	2546855	2555094	0.62	cps
Scandium	45-1	5394225	5377020	5374835	5382027	0.20	cps
Scandium	45-2	45617	46132	46219	45990	0.71	cps
Selenium	77-2	300	217	280	266	16.38	cps
Selenium	78-2	991	922	1033	982	5.71	cps
Selenium	82-1	45273	45753	45566	45531	0.53	cps
Silicon	28-1	1810375	1817829	1810346	1812850	0.24	cps
Silver	109-1	3649672	3622786	3601993	3624817	0.66	cps
Silver	107-1	3816957	3789667	3786169	3797597	0.44	cps
Sodium	23-2	2962629	2943751	2973716	2960032	0.51	cps
Strontium	86-1	940233	932491	935307	936010	0.42	cps
Strontium	88-1	8080207	7920438	7986883	7995843	1.00	cps
Sulfur	34-1	571432	566536	570989	569652	0.48	cps
Terbium	159-1	12620927	12674197	12676787	12657304	0.25	cps
Terbium	159-2	2765733	2812514	2809768	2796005	0.94	cps
Thallium	203-1	3125487	3108039	3081890	3105138	0.71	cps
Thallium	205-1	7285103	7245747	7211548	7247466	0.51	cps
Tin	118-1	2499725	2504584	2500826	2501712	0.10	cps
Titanium	47-1	2024694	2027116	2004327	2018712	0.62	cps
Uranium	238-1	10072254	9909337	10030434	10004008	0.85	cps
Vanadium	51-2	257538	259537	263333	260136	1.13	cps
Yttrium	89-1	9491301	9588840	9547240	9542460	0.51	cps
Yttrium	89-2	319678	324020	322116	321938	0.68	cps
Zinc	66-2	112726	113281	113241	113083	0.27	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:46:09	DataFile Name :	009CALS_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5000278	5036841	5103828	5046982	1.04	cps
Zirconium	91-1	1122778	1130617	1133196	1128864	0.48	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:49:35	DataFile Name :	010CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107563	107471	107891	107642	0.21	cps
Antimony	121-1	6981768	6928600	6980240	6963536	0.43	cps
Arsenic	75-2	77018	76629	77045	76897	0.30	cps
Barium	135-1	7408868	7505674	7457472	7457338	0.65	cps
Barium	137-1	12980280	13031553	13038622	13016819	0.24	cps
Beryllium	9-1	986758	988411	989663	988278	0.15	cps
Bismuth	209-1	7902436	8049196	7831203	7927611	1.40	cps
Bismuth	209-2	2225155	2288083	2306580	2273273	1.88	cps
Boron	10-1	111002	114848	116143	113998	2.35	cps
Boron	11-1	523694	537786	544912	535464	2.02	cps
Cadmium	111-1	1484287	1496532	1490040	1490287	0.41	cps
Cadmium	106-1	158073	158983	160705	159254	0.84	cps
Cadmium	108-1	107562	107222	107742	107509	0.25	cps
Calcium	43-1	1619801	1610037	1584000	1604613	1.15	cps
Calcium	44-1	25545013	25635904	25657453	25612790	0.23	cps
Chromium	52-2	690512	694582	694937	693344	0.35	cps
Cobalt	59-2	1480022	1482620	1483221	1481954	0.11	cps
Copper	63-2	2580235	2527915	2533950	2547367	1.12	cps
Dysprosium	156-1	67	75	50	64	19.92	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	108	92	133	111	18.88	cps
Gadolinium	160-2	3	23	10	12	83.33	cps
Holmium	165-1	12325052	12575539	12058157	12319583	2.10	cps
Holmium	165-2	2835589	2887438	2909825	2877617	1.32	cps
Indium	115-1	9098373	9215312	9016351	9110012	1.10	cps
Indium	115-2	411041	417248	424037	417442	1.56	cps
Iron	56-2	23381320	23396090	23370362	23382591	0.06	cps
Iron	57-2	596718	591242	592586	593516	0.48	cps
Krypton	83-1	323	273	297	298	8.40	cps
Lead	206-1	4938191	4905135	4902699	4915341	0.40	cps
Lead	207-1	4522422	4509408	4502486	4511439	0.22	cps
Lead	208-1	20060475	20052533	20068319	20060443	0.04	cps
Lithium	6-1	2025121	2036849	1992016	2017995	1.15	cps
Magnesium	24-2	2634947	2634507	2610451	2626635	0.53	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:49:35	DataFile Name :	010CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	392268	394340	391988	392865	0.33	cps
Molybdenum	94-1	11844929	11867169	11948077	11886725	0.46	cps
Molybdenum	95-1	14706173	14634316	14774733	14705074	0.48	cps
Molybdenum	96-1	16231654	16293453	16325952	16283686	0.29	cps
Molybdenum	97-1	9201190	9280363	9235186	9238913	0.43	cps
Molybdenum	98-1	23669984	23794394	23617309	23693896	0.38	cps
Neodymium	150-1	407	273	247	309	27.75	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	432540	429801	432082	431475	0.34	cps
Phosphorus	31-2	6435	6685	6952	6691	3.86	cps
Potassium	39-2	661450	658385	656275	658703	0.40	cps
Rhodium	103-1	8331178	8517865	8247301	8365448	1.66	cps
Rhodium	103-2	2432469	2478154	2519407	2476677	1.76	cps
Scandium	45-1	5311516	5401275	5253746	5322179	1.40	cps
Scandium	45-2	44203	44433	45243	44626	1.22	cps
Selenium	77-2	573	460	540	524	11.11	cps
Selenium	78-2	1915	1950	1995	1953	2.04	cps
Selenium	82-1	88926	89058	89114	89033	0.11	cps
Silicon	28-1	3168313	3195850	3179900	3181354	0.43	cps
Silver	109-1	7012798	7018444	6944851	6992031	0.59	cps
Silver	107-1	7307479	7309851	7290759	7302696	0.14	cps
Sodium	23-2	5806820	5809333	5779990	5798715	0.28	cps
Strontium	86-1	1862195	1838264	1864919	1855126	0.79	cps
Strontium	88-1	15966299	15921788	15920562	15936217	0.16	cps
Sulfur	34-1	797734	802894	795621	798750	0.47	cps
Terbium	159-1	12657114	12920147	12384892	12654051	2.12	cps
Terbium	159-2	2683617	2745476	2765464	2731519	1.56	cps
Thallium	203-1	6008305	6002242	6006780	6005776	0.05	cps
Thallium	205-1	14216432	14174311	14262089	14217611	0.31	cps
Tin	118-1	4866262	4889542	4887047	4880950	0.26	cps
Titanium	47-1	3884900	3925643	3952293	3920945	0.87	cps
Uranium	238-1	20125006	20005328	20210258	20113530	0.51	cps
Vanadium	51-2	514925	514226	516641	515264	0.24	cps
Yttrium	89-1	9445853	9502866	9407960	9452226	0.51	cps
Yttrium	89-2	311452	315247	319414	315371	1.26	cps
Zinc	66-2	218123	217534	219396	218351	0.44	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:49:35	DataFile Name :	010CALS_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9928953	9913864	9952019	9931612	0.19	cps
Zirconium	91-1	2257820	2262773	2271597	2264064	0.31	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:52:58	DataFile Name :	011CALC_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	598919	603957	605822	602899	0.59	cps
Antimony	121-1	19457	19114	17504	18692	5.58	cps
Arsenic	75-2	156	106	165	142	22.45	cps
Barium	135-1	1083	1217	1400	1233	12.89	cps
Barium	137-1	2392	2659	2709	2586	6.58	cps
Beryllium	9-1	600	372	450	474	24.42	cps
Bismuth	209-1	7664329	7463002	7487756	7538362	1.46	cps
Bismuth	209-2	2184552	2267056	2236527	2229379	1.87	cps
Boron	10-1	6552	6052	5360	5988	10.00	cps
Boron	11-1	30575	27494	25490	27853	9.20	cps
Cadmium	111-1	1944	1877	1846	1889	2.64	cps
Cadmium	106-1	2217	2217	2225	2220	0.22	cps
Cadmium	108-1	29	42	46	39	22.30	cps
Calcium	43-1	8495866	8511119	8559956	8522313	0.39	cps
Calcium	44-1	137955832	139669957	140091641	139239143	0.81	cps
Chromium	52-2	29585	29742	29277	29535	0.80	cps
Cobalt	59-2	19397	19430	19390	19406	0.11	cps
Copper	63-2	5294	5318	5341	5318	0.44	cps
Dysprosium	156-1	67	75	92	78	16.37	cps
Dysprosium	156-2	37	17	20	24	43.83	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	150	100	125	125	20.00	cps
Gadolinium	160-2	23	30	17	23	28.56	cps
Holmium	165-1	12469805	12323577	12284185	12359189	0.79	cps
Holmium	165-2	2891403	2999476	2987661	2959513	2.00	cps
Indium	115-1	9236501	9018614	9174852	9143322	1.23	cps
Indium	115-2	433140	450470	457489	447033	2.80	cps
Iron	56-2	124584047	124157867	125821633	124854516	0.69	cps
Iron	57-2	3184025	3191482	3226124	3200544	0.70	cps
Krypton	83-1	273	307	337	306	10.37	cps
Lead	206-1	27152	27619	27057	27276	1.10	cps
Lead	207-1	23472	22532	23378	23127	2.24	cps
Lead	208-1	108411	106945	105376	106911	1.42	cps
Lithium	6-1	2079591	2070817	2084980	2078463	0.34	cps
Magnesium	24-2	14153894	14256818	14397578	14269430	0.86	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:52:58	DataFile Name :	011CAL5_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1937	2014	2017	1989	2.28	cps
Molybdenum	94-1	17979	16544	17120	17214	4.20	cps
Molybdenum	95-1	29542	28022	27136	28233	4.31	cps
Molybdenum	96-1	33158	31855	29783	31599	5.39	cps
Molybdenum	97-1	17771	18130	17353	17751	2.19	cps
Molybdenum	98-1	46489	44190	45260	45313	2.54	cps
Neodymium	150-1	153	87	147	129	28.49	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	15382	14865	14791	15013	2.14	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3669841	3733081	3724804	3709242	0.93	cps
Rhodium	103-1	8307355	8217884	8228089	8251109	0.59	cps
Rhodium	103-2	2445614	2528965	2510327	2494968	1.75	cps
Scandium	45-1	5627558	5528087	5599489	5585045	0.92	cps
Scandium	45-2	47975	49975	50808	49586	2.94	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	79	59	0	46	88.58	cps
Silicon	28-1	518974	528169	533319	526821	1.38	cps
Silver	109-1	958	792	767	839	12.42	cps
Silver	107-1	1309	1359	1033	1234	14.20	cps
Sodium	23-2	31658559	32040687	32064959	31921402	0.71	cps
Strontium	86-1	9762	8978	8636	9126	6.33	cps
Strontium	88-1	74143	75115	75601	74953	0.99	cps
Sulfur	34-1	330660	331989	331402	331350	0.20	cps
Terbium	159-1	12907430	12517838	12609773	12678347	1.61	cps
Terbium	159-2	2792279	2859082	2871604	2840989	1.50	cps
Thallium	203-1	3651	3542	3492	3562	2.27	cps
Thallium	205-1	9412	8211	8403	8676	7.44	cps
Tin	118-1	13466	12949	12940	13118	2.29	cps
Titanium	47-1	2575	2034	2325	2311	11.73	cps
Uranium	238-1	1600	1667	1842	1703	7.33	cps
Vanadium	51-2	263	220	257	247	9.46	cps
Yttrium	89-1	9848088	9700231	9813861	9787394	0.79	cps
Yttrium	89-2	332306	345956	348148	342137	2.51	cps
Zinc	66-2	2044	2114	2024	2060	2.29	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 13:52:58	DataFile Name :	011CALS_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3167	2984	2875	3009	4.90	cps
Zirconium	91-1	742	500	600	614	19.78	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:19:40	DataFile Name :	013ICV01_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3109	3134	3326	3189	3.72	cps
Antimony	121-1	1376283	1387683	1386846	1383604	0.46	cps
Arsenic	75-2	16603	16614	16445	16554	0.57	cps
Barium	135-1	153034	154264	151139	152812	1.03	cps
Barium	137-1	267324	268365	267038	267576	0.26	cps
Beryllium	9-1	107012	106966	107650	107209	0.36	cps
Bismuth	209-1	8355159	8409344	8241778	8335427	1.03	cps
Bismuth	209-2	2527843	2498352	2527236	2517810	0.67	cps
Boron	10-1	60344	65157	64638	63379	4.17	cps
Boron	11-1	293785	305406	309643	302945	2.71	cps
Cadmium	111-1	162234	160532	162047	161604	0.58	cps
Cadmium	106-1	29316	28999	30143	29486	2.00	cps
Cadmium	108-1	14708	15013	14829	14850	1.03	cps
Calcium	43-1	37560	37008	37535	37368	0.83	cps
Calcium	44-1	590008	586731	587912	588217	0.28	cps
Chromium	52-2	73840	74849	72942	73877	1.29	cps
Cobalt	59-2	160894	160872	161146	160971	0.09	cps
Copper	63-2	140589	140421	138161	139724	0.97	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	75	83	75	11.11	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	108	67	58	78	34.44	cps
Gadolinium	160-2	20	10	17	16	32.73	cps
Holmium	165-1	12904956	13015115	12478387	12799486	2.21	cps
Holmium	165-2	3067058	3080194	3095916	3081056	0.47	cps
Indium	115-1	10051008	9975117	9644771	9890299	2.18	cps
Indium	115-2	478543	477235	473907	476562	0.50	cps
Iron	56-2	514974	511081	505283	510446	0.96	cps
Iron	57-2	13646	12539	12773	12986	4.49	cps
Krypton	83-1	330	243	287	287	15.12	cps
Lead	206-1	990433	992101	996504	993013	0.32	cps
Lead	207-1	861299	873088	866013	866800	0.68	cps
Lead	208-1	4045065	4035386	4013255	4031235	0.40	cps
Lithium	6-1	2240192	2253666	2204671	2232843	1.13	cps
Magnesium	24-2	33206	32739	33607	33184	1.31	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:19:40	DataFile Name :	013ICV01_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20899	21256	20646	20934	1.47	cps
Molybdenum	94-1	2998968	2981345	2962769	2981027	0.61	cps
Molybdenum	95-1	1713264	1715408	1706329	1711667	0.28	cps
Molybdenum	96-1	2204001	2177092	2150256	2177117	1.23	cps
Molybdenum	97-1	1054602	1046997	1042010	1047869	0.61	cps
Molybdenum	98-1	2792663	2722376	2718472	2744503	1.52	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	47765	47678	47317	47587	0.50	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	31528	32305	31277	31703	1.69	cps
Rhodium	103-1	9419829	9351025	9161781	9310879	1.44	cps
Rhodium	103-2	2824628	2835952	2815125	2825235	0.37	cps
Scandium	45-1	5946557	5946089	5795725	5896124	1.47	cps
Scandium	45-2	52013	51605	51802	51806	0.39	cps
Selenium	77-2	130	140	120	130	7.69	cps
Selenium	78-2	391	422	398	404	4.08	cps
Selenium	82-1	19212	19151	19210	19191	0.18	cps
Silicon	28-1	278919	284227	283521	282222	1.02	cps
Silver	109-1	673553	662717	666698	667656	0.82	cps
Silver	107-1	704493	699385	693532	699137	0.78	cps
Sodium	23-2	131293	131983	131839	131705	0.28	cps
Strontium	86-1	1025054	1017172	1024882	1022369	0.44	cps
Strontium	88-1	8852538	8723479	8770513	8782177	0.74	cps
Sulfur	34-1	342674	342469	336992	340712	0.95	cps
Terbium	159-1	13188026	13239911	12989573	13139170	1.01	cps
Terbium	159-2	2933093	2967891	2938116	2946367	0.64	cps
Thallium	203-1	1242435	1238841	1242824	1241366	0.18	cps
Thallium	205-1	3032060	3015445	2989682	3012396	0.71	cps
Tin	118-1	2733715	2708485	2697101	2713101	0.69	cps
Titanium	47-1	446762	445137	439839	443913	0.82	cps
Uranium	238-1	10348726	10363628	10361934	10358096	0.08	cps
Vanadium	51-2	54686	55118	54650	54818	0.48	cps
Yttrium	89-1	10377674	10240652	10226131	10281486	0.81	cps
Yttrium	89-2	356141	358791	355619	356850	0.48	cps
Zinc	66-2	24722	24725	24248	24565	1.12	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:19:40	DataFile Name :	013ICV01_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5519597	5482356	5506237	5502730	0.34	cps
Zirconium	91-1	1227963	1223952	1223912	1225275	0.19	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:58:29	DataFile Name :	017LLIC_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	133	117	133	12.50	cps
Antimony	121-1	14275	14550	14041	14289	1.78	cps
Arsenic	75-2	107	111	111	110	1.94	cps
Barium	135-1	15067	14617	14976	14887	1.60	cps
Barium	137-1	27780	25425	25526	26244	5.07	cps
Beryllium	9-1	1200	1106	1150	1152	4.10	cps
Bismuth	209-1	8368854	8462169	8249151	8360058	1.28	cps
Bismuth	209-2	2533920	2523665	2513241	2523609	0.41	cps
Boron	10-1	3301	3359	3150	3270	3.29	cps
Boron	11-1	15876	15300	15008	15395	2.87	cps
Cadmium	111-1	3298	2996	3081	3125	4.98	cps
Cadmium	106-1	2717	2434	2317	2489	8.27	cps
Cadmium	108-1	167	100	142	136	24.74	cps
Calcium	43-1	8853	8303	8803	8653	3.52	cps
Calcium	44-1	145740	143991	143956	144562	0.71	cps
Chromium	52-2	1964	2077	1924	1988	4.00	cps
Cobalt	59-2	1737	1670	1590	1666	4.41	cps
Copper	63-2	3307	3177	3277	3254	2.09	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	83	33	58	58	42.86	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	100	92	67	86	20.14	cps
Gadolinium	160-2	27	10	13	17	52.93	cps
Holmium	165-1	12825924	12723254	12583906	12711028	0.96	cps
Holmium	165-2	3143186	3089958	3092225	3108456	0.97	cps
Indium	115-1	10168522	10038937	9839450	10015637	1.66	cps
Indium	115-2	483526	476923	481882	480777	0.71	cps
Iron	56-2	27311	26732	27077	27040	1.08	cps
Iron	57-2	778	622	783	728	12.57	cps
Krypton	83-1	273	247	307	276	10.91	cps
Lead	206-1	5151	5068	5090	5103	0.85	cps
Lead	207-1	4723	4518	4690	4644	2.38	cps
Lead	208-1	20891	21041	20830	20920	0.52	cps
Lithium	6-1	2272030	2259174	2230064	2253756	0.95	cps
Magnesium	24-2	14792	13816	14308	14305	3.41	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:58:29	DataFile Name :	017LLIC_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217	280	270	256	13.32	cps
Molybdenum	94-1	13124	13299	13190	13204	0.67	cps
Molybdenum	95-1	15142	14734	14709	14862	1.64	cps
Molybdenum	96-1	16945	17020	16953	16972	0.24	cps
Molybdenum	97-1	9270	9329	9804	9468	3.09	cps
Molybdenum	98-1	24131	24064	23780	23992	0.78	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	623	547	620	597	7.26	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	9237	9662	9904	9601	3.52	cps
Rhodium	103-1	9512798	9572467	9244256	9443174	1.85	cps
Rhodium	103-2	2852098	2797733	2847959	2832596	1.07	cps
Scandium	45-1	5947043	5962539	5830628	5913403	1.22	cps
Scandium	45-2	52692	50357	51541	51530	2.27	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	11	11	9	10	10.18	cps
Selenium	82-1	464	589	464	506	14.33	cps
Silicon	28-1	294402	288174	287013	289863	1.37	cps
Silver	109-1	7803	7619	7144	7522	4.52	cps
Silver	107-1	7803	7352	7653	7602	3.02	cps
Sodium	23-2	37384	35470	36373	36409	2.63	cps
Strontium	86-1	2342	2284	2217	2281	2.74	cps
Strontium	88-1	17045	16636	16135	16605	2.74	cps
Sulfur	34-1	334217	335446	334304	334656	0.20	cps
Terbium	159-1	13230599	13166309	12917624	13104844	1.26	cps
Terbium	159-2	3002194	2927331	2973036	2967521	1.27	cps
Thallium	203-1	6519	6410	6410	6446	0.97	cps
Thallium	205-1	15468	14709	15226	15135	2.56	cps
Tin	118-1	25049	24490	24365	24635	1.48	cps
Titanium	47-1	4034	4184	4259	4159	2.76	cps
Uranium	238-1	19524	19499	19516	19513	0.07	cps
Vanadium	51-2	2704	2674	2617	2665	1.65	cps
Yttrium	89-1	10339457	10313381	10207954	10286931	0.68	cps
Yttrium	89-2	354220	350884	354547	353217	0.57	cps
Zinc	66-2	420	427	410	419	2.00	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 14:58:29	DataFile Name :	017LLIC_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12306	12798	12882	12662	2.46	cps
Zirconium	91-1	2750	2992	2734	2825	5.12	cps

LB Number : LB96709 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-17 15:01:49 DataFile Name : 018CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	217	217	200	211	4.56	cps
Arsenic	75-2	4	2	0	2	100.00	cps
Barium	135-1	42	33	42	39	12.38	cps
Barium	137-1	58	83	42	61	34.32	cps
Beryllium	9-1	72	67	72	70	4.55	cps
Bismuth	209-1	8011199	7829914	7878182	7906432	1.19	cps
Bismuth	209-2	2334776	2521713	2426279	2427589	3.85	cps
Boron	10-1	792	775	633	733	11.86	cps
Boron	11-1	3534	3025	3359	3306	7.81	cps
Cadmium	111-1	1388	1454	1463	1435	2.84	cps
Cadmium	106-1	1984	2075	2084	2047	2.71	cps
Cadmium	108-1	13	17	0	10	89.22	cps
Calcium	43-1	375	433	408	406	7.22	cps
Calcium	44-1	13807	13574	12848	13410	3.73	cps
Chromium	52-2	543	437	460	480	11.68	cps
Cobalt	59-2	97	50	90	79	31.99	cps
Copper	63-2	430	467	493	463	6.86	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	92	100	108	100	8.33	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	12211684	11987751	11903201	12034212	1.32	cps
Holmium	165-2	2887155	3072151	3020382	2993229	3.19	cps
Indium	115-1	9563458	9282349	9472177	9439328	1.52	cps
Indium	115-2	449777	474188	462104	462023	2.64	cps
Iron	56-2	1372	1278	1256	1302	4.76	cps
Iron	57-2	17	67	44	43	58.81	cps
Krypton	83-1	250	287	287	274	7.71	cps
Lead	206-1	306	339	383	343	11.39	cps
Lead	207-1	267	178	217	220	20.22	cps
Lead	208-1	1078	1183	1089	1117	5.19	cps
Lithium	6-1	2130357	2107692	2094544	2110864	0.86	cps
Magnesium	24-2	250	350	208	269	27.02	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:01:49	DataFile Name :	018CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	17	23	26	39.85	cps
Molybdenum	94-1	450	583	450	494	15.57	cps
Molybdenum	95-1	192	167	167	175	8.25	cps
Molybdenum	96-1	275	333	308	306	9.58	cps
Molybdenum	97-1	183	125	92	133	34.80	cps
Molybdenum	98-1	300	392	192	294	34.00	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	153	117	137	13.58	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2300	2275	2275	2284	0.63	cps
Rhodium	103-1	9054938	8819065	8814016	8896006	1.55	cps
Rhodium	103-2	2667407	2794515	2738535	2733486	2.33	cps
Scandium	45-1	5631131	5524835	5547563	5567843	1.01	cps
Scandium	45-2	47257	50420	48986	48888	3.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	24	-29	1	-1	-2202.29	cps
Silicon	28-1	253789	259739	251376	254968	1.69	cps
Silver	109-1	17	33	50	33	50.00	cps
Silver	107-1	92	50	67	69	30.20	cps
Sodium	23-2	5068	5676	5201	5315	6.02	cps
Strontium	86-1	475	358	558	464	21.66	cps
Strontium	88-1	242	150	175	189	25.09	cps
Sulfur	34-1	334715	335307	338936	336319	0.68	cps
Terbium	159-1	12591920	12415876	12345702	12451166	1.02	cps
Terbium	159-2	2747291	2886189	2846840	2826774	2.53	cps
Thallium	203-1	208	283	208	233	18.56	cps
Thallium	205-1	642	600	608	617	3.58	cps
Tin	118-1	1008	1033	883	975	8.24	cps
Titanium	47-1	83	158	158	133	32.47	cps
Uranium	238-1	50	67	58	58	14.29	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	9853779	9602460	9693740	9716660	1.31	cps
Yttrium	89-2	331472	353492	345233	343399	3.24	cps
Zinc	66-2	93	97	107	99	7.02	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:01:49	DataFile Name :	018CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1333	1275	1225	1278	4.24	cps
Zirconium	91-1	258	225	183	222	16.91	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:05:10	DataFile Name :	019ICSA01_P8071718M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475324	473227	475533	474695	0.27	cps
Antimony	121-1	7502	8303	7961	7922	5.07	cps
Arsenic	75-2	31	24	17	24	30.76	cps
Barium	135-1	2150	2084	2209	2147	2.91	cps
Barium	137-1	3601	3901	3859	3787	4.29	cps
Beryllium	9-1	311	356	389	352	11.09	cps
Bismuth	209-1	7911860	7094061	7768058	7591326	5.75	cps
Bismuth	209-2	2258549	2202369	2241800	2234239	1.29	cps
Boron	10-1	583	650	642	625	5.81	cps
Boron	11-1	3667	3601	3484	3584	2.59	cps
Cadmium	111-1	1881	1745	1774	1800	3.98	cps
Cadmium	106-1	2017	1809	1875	1900	5.60	cps
Cadmium	108-1	1008	1125	1008	1047	6.43	cps
Calcium	43-1	1499247	1507725	1547980	1518317	1.71	cps
Calcium	44-1	24306857	24332180	24574469	24404502	0.61	cps
Chromium	52-2	13583	13327	13887	13599	2.06	cps
Cobalt	59-2	1653	1603	1517	1591	4.35	cps
Copper	63-2	9430	9480	10150	9687	4.15	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	75	17	50	47	61.97	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	100	42	133	92	50.62	cps
Gadolinium	160-2	7	13	30	17	72.11	cps
Holmium	165-1	12499806	11183588	12196639	11960011	5.76	cps
Holmium	165-2	2879030	2871431	2840249	2863570	0.72	cps
Indium	115-1	9337946	8325477	9166298	8943240	6.06	cps
Indium	115-2	420360	416205	420299	418955	0.57	cps
Iron	56-2	44245304	44301650	44534577	44360510	0.35	cps
Iron	57-2	1121739	1121400	1124460	1122533	0.15	cps
Krypton	83-1	253	333	257	281	16.10	cps
Lead	206-1	22426	22676	21886	22329	1.81	cps
Lead	207-1	17858	18692	17919	18156	2.56	cps
Lead	208-1	84812	87051	84110	85324	1.80	cps
Lithium	6-1	2013546	1760505	1945020	1906357	6.87	cps
Magnesium	24-2	2444014	2457820	2473491	2458442	0.60	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:05:10	DataFile Name :	019ICSA01_P8071718M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1417	1487	1480	1461	2.64	cps
Molybdenum	94-1	3183222	3149237	3164189	3165549	0.54	cps
Molybdenum	95-1	5555593	5591041	5590252	5578962	0.36	cps
Molybdenum	96-1	5987352	6063963	6048445	6033253	0.67	cps
Molybdenum	97-1	3557240	3578474	3539131	3558281	0.55	cps
Molybdenum	98-1	8910519	8998236	9018499	8975751	0.64	cps
Neodymium	150-1	40	27	33	33	20.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2274	2357	2237	2289	2.69	cps
Phosphorus	31-2	30651	31177	31052	30960	0.89	cps
Potassium	39-2	1248539	1245409	1261169	1251706	0.67	cps
Rhodium	103-1	8585332	7569153	8363943	8172809	6.54	cps
Rhodium	103-2	2510587	2458834	2491114	2486845	1.05	cps
Scandium	45-1	5450572	4805298	5356989	5204287	6.70	cps
Scandium	45-2	44835	44029	44293	44385	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-18	-65	4	-26	-134.46	cps
Silicon	28-1	343278	336176	339818	339758	1.05	cps
Silver	109-1	325	342	433	367	15.91	cps
Silver	107-1	250	308	400	319	23.67	cps
Sodium	23-2	5601085	5522139	5630220	5584481	1.00	cps
Strontium	86-1	59790	59489	60318	59866	0.70	cps
Strontium	88-1	520360	523415	523236	522337	0.33	cps
Sulfur	34-1	2127586	2107120	2112256	2115654	0.50	cps
Terbium	159-1	12701619	11382435	12523130	12202395	5.87	cps
Terbium	159-2	2736665	2726564	2736104	2733111	0.21	cps
Thallium	203-1	467	533	567	522	9.75	cps
Thallium	205-1	1333	1408	1417	1386	3.31	cps
Tin	118-1	1659	1859	1784	1767	5.72	cps
Titanium	47-1	1537973	1544917	1545061	1542650	0.26	cps
Uranium	238-1	292	275	267	278	4.58	cps
Vanadium	51-2	53	67	87	69	24.36	cps
Yttrium	89-1	9637528	8567085	9504871	9236495	6.32	cps
Yttrium	89-2	315924	312684	314754	314454	0.52	cps
Zinc	66-2	1307	1160	1353	1273	7.92	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:05:10	DataFile Name :	019ICSA01_P8071718M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8570	7127	6102	7266	17.06	cps
Zirconium	91-1	1892	1484	1425	1600	15.89	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:08:25	DataFile Name :	020ICSB_P8071718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478529	479736	476444	478236	0.35	cps
Antimony	121-1	143506	142723	141070	142433	0.87	cps
Arsenic	75-2	1487	1556	1485	1509	2.66	cps
Barium	135-1	31029	31497	31705	31410	1.10	cps
Barium	137-1	54949	55325	54857	55043	0.45	cps
Beryllium	9-1	19375	19158	19386	19306	0.67	cps
Bismuth	209-1	7674052	7804373	7796404	7758276	0.94	cps
Bismuth	209-2	2266731	2308165	2068485	2214460	5.78	cps
Boron	10-1	6652	6752	7119	6841	3.59	cps
Boron	11-1	32112	33298	34167	33192	3.11	cps
Cadmium	111-1	30066	31369	30578	30671	2.14	cps
Cadmium	106-1	5385	5993	5777	5718	5.39	cps
Cadmium	108-1	3401	3238	3359	3332	2.53	cps
Calcium	43-1	1534668	1552148	1494050	1526956	1.95	cps
Calcium	44-1	24745449	24643792	24598339	24662527	0.31	cps
Chromium	52-2	27096	26729	27678	27168	1.76	cps
Cobalt	59-2	31339	30160	30620	30706	1.94	cps
Copper	63-2	34630	35532	35489	35217	1.45	cps
Dysprosium	156-1	42	17	67	42	60.00	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	75	108	67	83	26.46	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	50	100	67	43.30	cps
Gadolinium	160-2	10	23	17	17	39.99	cps
Holmium	165-1	12119543	12280930	12354050	12251508	0.98	cps
Holmium	165-2	2872889	2923610	2653644	2816715	5.09	cps
Indium	115-1	9068655	9148878	9231706	9149746	0.89	cps
Indium	115-2	425651	432696	394330	417559	4.89	cps
Iron	56-2	44796187	44743354	44655452	44731664	0.16	cps
Iron	57-2	1134528	1129808	1139653	1134663	0.43	cps
Krypton	83-1	320	347	237	301	19.06	cps
Lead	206-1	116888	118278	119350	118172	1.04	cps
Lead	207-1	98513	99403	97791	98569	0.82	cps
Lead	208-1	456404	459970	458151	458175	0.39	cps
Lithium	6-1	1964001	1937015	1964061	1955026	0.80	cps
Magnesium	24-2	2495325	2461386	2452529	2469747	0.91	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:08:25	DataFile Name :	020ICSB_P8071718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5551	5284	5394	5410	2.48	cps
Molybdenum	94-1	3477653	3443380	3472063	3464366	0.53	cps
Molybdenum	95-1	5765672	5739453	5785585	5763570	0.40	cps
Molybdenum	96-1	6121928	6145155	6214955	6160679	0.79	cps
Molybdenum	97-1	3678323	3664688	3663998	3669003	0.22	cps
Molybdenum	98-1	9281904	9310056	9248188	9280049	0.33	cps
Neodymium	150-1	33	33	33	33	0.02	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	10754	10601	10591	10649	0.86	cps
Phosphorus	31-2	30743	31336	31644	31241	1.47	cps
Potassium	39-2	1296503	1267742	1272894	1279046	1.20	cps
Rhodium	103-1	8421483	8453040	8553807	8476110	0.82	cps
Rhodium	103-2	2516210	2546899	2341619	2468243	4.49	cps
Scandium	45-1	5347789	5379379	5413042	5380070	0.61	cps
Scandium	45-2	45758	46102	41786	44549	5.38	cps
Selenium	77-2	7	7	17	10	57.72	cps
Selenium	78-2	39	39	37	38	2.79	cps
Selenium	82-1	1654	1735	1759	1716	3.19	cps
Silicon	28-1	513362	510537	514685	512861	0.41	cps
Silver	109-1	131799	132336	130165	131433	0.86	cps
Silver	107-1	134534	135768	138210	136171	1.37	cps
Sodium	23-2	5619563	5634715	5586249	5613509	0.44	cps
Strontium	86-1	159646	158217	158637	158833	0.46	cps
Strontium	88-1	1380788	1393119	1377325	1383744	0.60	cps
Sulfur	34-1	2102030	2092573	2084567	2093057	0.42	cps
Terbium	159-1	12459320	12538259	12610142	12535907	0.60	cps
Terbium	159-2	2735880	2767740	2555302	2686307	4.26	cps
Thallium	203-1	115573	117969	119087	117543	1.53	cps
Thallium	205-1	279751	286153	283957	283287	1.15	cps
Tin	118-1	264108	263183	262912	263401	0.24	cps
Titanium	47-1	1594548	1585033	1574073	1584552	0.65	cps
Uranium	238-1	1065562	1069200	1064190	1066317	0.24	cps
Vanadium	51-2	9710	10271	9980	9987	2.81	cps
Yttrium	89-1	9411970	9566156	9546744	9508290	0.88	cps
Yttrium	89-2	320984	324059	296497	313847	4.81	cps
Zinc	66-2	3390	3294	3310	3332	1.55	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:08:25	DataFile Name :	020ICSB_P8071718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	539441	542555	540067	540688	0.30	cps
Zirconium	91-1	119462	119756	119563	119594	0.12	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:11:40	DataFile Name :	021CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286116	284870	285307	285431	0.22	cps
Antimony	121-1	3394037	3419233	3404776	3406015	0.37	cps
Arsenic	75-2	39365	39737	39843	39648	0.63	cps
Barium	135-1	3667403	3709170	3676767	3684447	0.59	cps
Barium	137-1	6349053	6374805	6358406	6360755	0.20	cps
Beryllium	9-1	493068	493082	494784	493644	0.20	cps
Bismuth	209-1	7382166	7469241	7334577	7395328	0.92	cps
Bismuth	209-2	2195220	2246287	2243150	2228219	1.28	cps
Boron	10-1	55910	57450	58269	57209	2.09	cps
Boron	11-1	258004	269556	271436	266332	2.73	cps
Cadmium	111-1	712411	710857	699303	707523	1.01	cps
Cadmium	106-1	79057	76400	75194	76884	2.57	cps
Cadmium	108-1	50846	51465	51900	51403	1.03	cps
Calcium	43-1	3919353	3928016	3890556	3912641	0.50	cps
Calcium	44-1	63921881	64093029	64312212	64109040	0.31	cps
Chromium	52-2	373146	372874	376923	374314	0.60	cps
Cobalt	59-2	768565	768543	771040	769383	0.19	cps
Copper	63-2	1270279	1271994	1266005	1269426	0.24	cps
Dysprosium	156-1	75	92	33	67	45.07	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	67	125	100	97	30.10	cps
Gadolinium	160-2	20	43	3	22	90.42	cps
Holmium	165-1	12109971	12013923	11880532	12001475	0.96	cps
Holmium	165-2	2866347	2944585	2950372	2920435	1.61	cps
Indium	115-1	9002594	8988267	8997598	8996153	0.08	cps
Indium	115-2	427787	439296	442369	436484	1.76	cps
Iron	56-2	60319028	60473594	60761051	60517891	0.37	cps
Iron	57-2	1556545	1537256	1550817	1548206	0.64	cps
Krypton	83-1	280	300	243	274	10.47	cps
Lead	206-1	2362724	2354502	2324430	2347219	0.86	cps
Lead	207-1	2154246	2143802	2137701	2145250	0.39	cps
Lead	208-1	9638841	9604066	9527518	9590141	0.59	cps
Lithium	6-1	1932675	1979532	1969490	1960566	1.26	cps
Magnesium	24-2	6704032	6727306	6855799	6762379	1.21	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:11:40	DataFile Name :	021CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	208051	207585	209357	208331	0.44	cps
Molybdenum	94-1	5974852	5995027	5877682	5949187	1.05	cps
Molybdenum	95-1	7351464	7380170	7290585	7340740	0.62	cps
Molybdenum	96-1	8129665	8170962	8113925	8138184	0.36	cps
Molybdenum	97-1	4661852	4637757	4592793	4630801	0.76	cps
Molybdenum	98-1	11824096	11829335	11832719	11828717	0.04	cps
Neodymium	150-1	227	260	153	213	25.58	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	224753	224164	226254	225057	0.48	cps
Phosphorus	31-2	3334	3492	3534	3453	3.06	cps
Potassium	39-2	1796392	1785128	1788687	1790069	0.32	cps
Rhodium	103-1	8224773	8312906	8206373	8248018	0.69	cps
Rhodium	103-2	2479272	2536019	2545815	2520369	1.43	cps
Scandium	45-1	5355264	5452229	5433758	5413750	0.95	cps
Scandium	45-2	47069	48550	49624	48414	2.65	cps
Selenium	77-2	237	277	250	254	8.01	cps
Selenium	78-2	932	957	1009	966	4.10	cps
Selenium	82-1	43810	43906	43681	43799	0.26	cps
Silicon	28-1	1777261	1815424	1798692	1797126	1.06	cps
Silver	109-1	3405160	3406803	3417994	3409986	0.20	cps
Silver	107-1	3587987	3597043	3564918	3583316	0.46	cps
Sodium	23-2	15294420	15435338	15316301	15348686	0.49	cps
Strontium	86-1	932689	930126	920402	927739	0.70	cps
Strontium	88-1	8031660	8008051	7962999	8000903	0.44	cps
Sulfur	34-1	535341	537188	538199	536910	0.27	cps
Terbium	159-1	12322500	12287698	12123780	12244659	0.87	cps
Terbium	159-2	2707304	2791349	2770172	2756275	1.59	cps
Thallium	203-1	2937426	2889842	2877741	2901669	1.09	cps
Thallium	205-1	6805339	6777873	6705543	6762918	0.76	cps
Tin	118-1	2432149	2446302	2413968	2430806	0.67	cps
Titanium	47-1	2012737	2014175	1998889	2008600	0.42	cps
Uranium	238-1	9530113	9521930	9367734	9473259	0.97	cps
Vanadium	51-2	273721	272640	273533	273298	0.21	cps
Yttrium	89-1	9581812	9507433	9450360	9513201	0.69	cps
Yttrium	89-2	324830	338027	338219	333692	2.30	cps
Zinc	66-2	110902	110499	110331	110577	0.27	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:11:40	DataFile Name :	021CCV_P8071718MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5027421	5035378	4991781	5018193	0.46	cps
Zirconium	91-1	1117448	1115194	1103971	1112205	0.65	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:18:34	DataFile Name :	022CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	50	31	56.77	cps
Antimony	121-1	2059	2275	2367	2234	7.09	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	42	33	33	36	13.33	cps
Barium	137-1	25	92	92	69	55.43	cps
Beryllium	9-1	167	67	122	119	42.27	cps
Bismuth	209-1	8110932	8142033	8070336	8107767	0.44	cps
Bismuth	209-2	2532870	2485749	2462147	2493589	1.44	cps
Boron	10-1	867	883	942	897	4.39	cps
Boron	11-1	4393	4959	4201	4518	8.73	cps
Cadmium	111-1	1331	1458	1474	1421	5.51	cps
Cadmium	106-1	1867	2042	2084	1997	5.76	cps
Cadmium	108-1	13	13	25	17	43.30	cps
Calcium	43-1	483	417	408	436	9.43	cps
Calcium	44-1	14592	14575	14100	14422	1.94	cps
Chromium	52-2	467	423	430	440	5.30	cps
Cobalt	59-2	60	60	37	52	25.79	cps
Copper	63-2	567	523	473	521	8.96	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	10	3	23	12	83.33	cps
Holmium	165-1	12351054	12386595	12459828	12399159	0.45	cps
Holmium	165-2	3094720	3063777	3043042	3067180	0.85	cps
Indium	115-1	9910818	9859683	9794764	9855088	0.59	cps
Indium	115-2	485446	482616	476797	481620	0.92	cps
Iron	56-2	2284	2272	2361	2306	2.10	cps
Iron	57-2	44	61	78	61	27.27	cps
Krypton	83-1	323	247	293	288	13.43	cps
Lead	206-1	561	617	494	557	10.98	cps
Lead	207-1	450	389	489	443	11.39	cps
Lead	208-1	2028	2095	2033	2052	1.80	cps
Lithium	6-1	2171042	2168925	2191729	2177232	0.58	cps
Magnesium	24-2	267	283	267	272	3.54	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:18:34	DataFile Name :	022CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	20	13	16	24.76	cps
Molybdenum	94-1	1300	1142	1100	1181	8.94	cps
Molybdenum	95-1	1458	1375	1333	1389	4.58	cps
Molybdenum	96-1	1859	1659	1317	1611	17.00	cps
Molybdenum	97-1	900	792	808	833	7.00	cps
Molybdenum	98-1	2342	2084	1850	2092	11.76	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	103	90	83	28.84	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	2592	2759	2550	2634	4.19	cps
Rhodium	103-1	9238341	9217065	9175046	9210151	0.35	cps
Rhodium	103-2	2894976	2860409	2811831	2855739	1.46	cps
Scandium	45-1	5878625	5887851	5889698	5885391	0.10	cps
Scandium	45-2	52675	52103	52501	52427	0.56	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	-25	32	-24	-5	-598.47	cps
Silicon	28-1	242621	246457	244196	244425	0.79	cps
Silver	109-1	250	133	183	189	30.99	cps
Silver	107-1	300	217	233	250	17.64	cps
Sodium	23-2	7461	7577	7552	7530	0.82	cps
Strontium	86-1	500	342	433	425	18.70	cps
Strontium	88-1	167	158	200	175	12.60	cps
Sulfur	34-1	322796	319066	319257	320373	0.66	cps
Terbium	159-1	12757256	12817593	12807902	12794250	0.25	cps
Terbium	159-2	2951624	2909877	2911973	2924491	0.80	cps
Thallium	203-1	592	533	483	536	10.11	cps
Thallium	205-1	1133	1242	1158	1178	4.82	cps
Tin	118-1	1108	975	983	1022	7.31	cps
Titanium	47-1	142	192	175	169	15.02	cps
Uranium	238-1	83	100	92	92	9.09	cps
Vanadium	51-2	0	17	3	7	132.33	cps
Yttrium	89-1	10274647	10176896	10203053	10218199	0.50	cps
Yttrium	89-2	362901	358408	356886	359398	0.87	cps
Zinc	66-2	63	57	60	60	5.55	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:18:34	DataFile Name :	022CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1333	1517	1283	1378	8.92	cps
Zirconium	91-1	358	242	258	286	22.05	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:21:54	DataFile Name :	023LLCC_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	133	92	139	36.17	cps
Antimony	121-1	15092	14784	15017	14965	1.08	cps
Arsenic	75-2	115	119	120	118	2.40	cps
Barium	135-1	15735	14901	14976	15204	3.04	cps
Barium	137-1	26853	26244	26052	26383	1.59	cps
Beryllium	9-1	1222	1306	1295	1274	3.55	cps
Bismuth	209-1	8335069	8319274	8225530	8293291	0.71	cps
Bismuth	209-2	2579801	2606877	2556474	2581051	0.98	cps
Boron	10-1	3509	3917	3659	3695	5.59	cps
Boron	11-1	15634	15501	16193	15776	2.33	cps
Cadmium	111-1	2895	3142	2967	3002	4.24	cps
Cadmium	106-1	2175	2442	2250	2289	6.01	cps
Cadmium	108-1	117	96	125	113	13.35	cps
Calcium	43-1	8845	9053	8745	8881	1.77	cps
Calcium	44-1	149027	150752	148773	149517	0.72	cps
Chromium	52-2	2054	2094	2147	2098	2.23	cps
Cobalt	59-2	1790	1690	1717	1732	2.99	cps
Copper	63-2	3260	3480	3320	3354	3.39	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	17	42	50	76.37	cps
Erbium	164-2	17	20	3	13	66.16	cps
Gadolinium	160-1	50	125	67	81	48.89	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	12993426	12830879	12685314	12836540	1.20	cps
Holmium	165-2	3219267	3158304	3151252	3176274	1.18	cps
Indium	115-1	10307782	10155952	9998661	10154132	1.52	cps
Indium	115-2	502371	500237	494518	499042	0.81	cps
Iron	56-2	29192	28513	28541	28749	1.34	cps
Iron	57-2	794	839	750	794	5.59	cps
Krypton	83-1	260	270	303	278	8.17	cps
Lead	206-1	5535	5262	5168	5322	3.58	cps
Lead	207-1	5235	4823	4934	4997	4.26	cps
Lead	208-1	22208	21819	21597	21875	1.41	cps
Lithium	6-1	2279523	2254688	2228651	2254287	1.13	cps
Magnesium	24-2	15317	14349	14149	14605	4.28	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:21:54	DataFile Name :	023LLCC_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247	287	233	256	10.86	cps
Molybdenum	94-1	13566	14041	13566	13724	2.00	cps
Molybdenum	95-1	16185	16060	15685	15977	1.63	cps
Molybdenum	96-1	18772	17862	17429	18021	3.80	cps
Molybdenum	97-1	9587	10013	9437	9679	3.08	cps
Molybdenum	98-1	25859	25275	25233	25455	1.38	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	627	677	607	637	5.66	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	10204	10363	10313	10293	0.79	cps
Rhodium	103-1	9686938	9552474	9549255	9596222	0.82	cps
Rhodium	103-2	2969052	2916573	2916454	2934026	1.03	cps
Scandium	45-1	6139603	6028547	5945326	6037825	1.61	cps
Scandium	45-2	53123	53913	52344	53127	1.48	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	17	9	19	15	33.07	cps
Selenium	82-1	465	462	391	439	9.59	cps
Silicon	28-1	293077	293830	291716	292874	0.37	cps
Silver	109-1	7669	7452	7602	7575	1.47	cps
Silver	107-1	8128	7828	8011	7989	1.89	cps
Sodium	23-2	39247	38712	39281	39080	0.82	cps
Strontium	86-1	2450	2417	2350	2406	2.12	cps
Strontium	88-1	17453	17261	17220	17312	0.72	cps
Sulfur	34-1	325565	325036	327440	326014	0.39	cps
Terbium	159-1	13393044	13109734	13064961	13189246	1.35	cps
Terbium	159-2	3053202	3022440	3000827	3025490	0.87	cps
Thallium	203-1	6919	6527	6335	6594	4.51	cps
Thallium	205-1	15619	15585	14934	15379	2.51	cps
Tin	118-1	25442	25208	24732	25127	1.44	cps
Titanium	47-1	4576	4226	4318	4373	4.15	cps
Uranium	238-1	19499	18406	18965	18957	2.88	cps
Vanadium	51-2	2990	2747	2870	2869	4.24	cps
Yttrium	89-1	10592285	10619617	10481117	10564340	0.69	cps
Yttrium	89-2	373976	370529	365623	370043	1.13	cps
Zinc	66-2	403	393	453	417	7.71	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:21:54	DataFile Name :	023LLCC_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14075	13507	14125	13902	2.47	cps
Zirconium	91-1	3401	3226	2917	3181	7.69	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-03DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0040DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:25:14	DataFile Name :	024SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	50	36	48.03	cps
Antimony	121-1	892	792	925	870	7.98	cps
Arsenic	75-2	226	191	231	216	10.23	cps
Barium	135-1	2134	1867	1992	1997	6.68	cps
Barium	137-1	3642	3267	3451	3453	5.43	cps
Beryllium	9-1	156	100	100	119	27.07	cps
Bismuth	209-1	8144598	7668242	8094076	7968972	3.28	cps
Bismuth	209-2	2517777	2527741	2540388	2528636	0.45	cps
Boron	10-1	850	867	808	842	3.57	cps
Boron	11-1	3717	4101	3484	3767	8.27	cps
Cadmium	111-1	1463	1395	1627	1495	7.97	cps
Cadmium	106-1	2059	1992	2309	2120	7.88	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	100424	100996	100056	100492	0.47	cps
Calcium	44-1	1707646	1685283	1666404	1686444	1.22	cps
Chromium	52-2	1160	1180	1130	1157	2.18	cps
Cobalt	59-2	3287	3367	3257	3304	1.72	cps
Copper	63-2	4414	4381	4264	4353	1.81	cps
Dysprosium	156-1	50	108	100	86	36.64	cps
Dysprosium	156-2	20	10	27	19	44.42	cps
Erbium	164-1	108	100	58	89	30.13	cps
Erbium	164-2	33	20	20	24	31.49	cps
Gadolinium	160-1	125	167	133	142	15.56	cps
Gadolinium	160-2	47	47	33	42	18.24	cps
Holmium	165-1	12588793	11787423	12580381	12318866	3.74	cps
Holmium	165-2	3134424	3116572	3075466	3108821	0.97	cps
Indium	115-1	10004174	9446606	9979460	9810080	3.21	cps
Indium	115-2	490200	488636	480742	486526	1.04	cps
Iron	56-2	2073134	2054402	2049418	2058985	0.61	cps
Iron	57-2	50888	51523	50932	51114	0.69	cps
Krypton	83-1	293	267	227	262	12.80	cps
Lead	206-1	1828	1695	1595	1706	6.86	cps
Lead	207-1	1583	1406	1411	1467	6.89	cps
Lead	208-1	7407	6240	6262	6636	10.06	cps
Lithium	6-1	2195346	2033059	2153182	2127196	3.96	cps
Magnesium	24-2	78550	76078	76405	77011	1.74	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-03DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0040DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:25:14	DataFile Name :	024SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	176448	176664	176796	176636	0.10	cps
Molybdenum	94-1	1008	783	817	870	13.97	cps
Molybdenum	95-1	633	733	558	642	13.68	cps
Molybdenum	96-1	717	808	683	736	8.79	cps
Molybdenum	97-1	567	383	408	453	21.96	cps
Molybdenum	98-1	1058	1000	908	989	7.65	cps
Neodymium	150-1	140	133	127	133	5.00	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	903	767	743	804	10.74	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	10763	10579	9912	10418	4.30	cps
Rhodium	103-1	9379565	8707483	9320324	9135791	4.07	cps
Rhodium	103-2	2904415	2876902	2838574	2873297	1.15	cps
Scandium	45-1	5991398	5568254	5930099	5829917	3.92	cps
Scandium	45-2	53291	52200	52672	52721	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-38	5	44	4	1125.86	cps
Silicon	28-1	2700506	2732586	2694899	2709330	0.75	cps
Silver	109-1	358	333	225	306	23.20	cps
Silver	107-1	400	300	383	361	14.84	cps
Sodium	23-2	1277087	1271251	1283760	1277366	0.49	cps
Strontium	86-1	136736	135904	135399	136013	0.50	cps
Strontium	88-1	1190354	1188318	1173888	1184187	0.76	cps
Sulfur	34-1	872939	876845	867971	872585	0.51	cps
Terbium	159-1	12933702	12215157	13041079	12729979	3.53	cps
Terbium	159-2	2986377	2963182	2946524	2965361	0.67	cps
Thallium	203-1	417	667	475	519	25.18	cps
Thallium	205-1	1150	1417	1325	1297	10.44	cps
Tin	118-1	833	733	717	761	8.29	cps
Titanium	47-1	233	250	283	256	9.96	cps
Uranium	238-1	1150	1125	1167	1147	1.83	cps
Vanadium	51-2	37	47	37	40	14.43	cps
Yttrium	89-1	10340703	9679796	10360449	10126983	3.83	cps
Yttrium	89-2	363976	364292	361109	363126	0.48	cps
Zinc	66-2	187	157	240	194	21.71	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-03DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0040DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:25:14	DataFile Name :	024SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1358	1317	1383	5.93	cps
Zirconium	91-1	383	308	308	333	12.99	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-04DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0041DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:28:32	DataFile Name :	025SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	42	42	20.00	cps
Antimony	121-1	667	675	675	672	0.72	cps
Arsenic	75-2	200	198	181	193	5.28	cps
Barium	135-1	1875	1992	1934	1934	3.02	cps
Barium	137-1	3317	3334	3376	3342	0.90	cps
Beryllium	9-1	83	106	117	102	16.66	cps
Bismuth	209-1	8327434	7931138	8011617	8090063	2.59	cps
Bismuth	209-2	2382416	2494223	2558154	2478264	3.59	cps
Boron	10-1	767	675	675	706	7.50	cps
Boron	11-1	3109	3267	2917	3098	5.66	cps
Cadmium	111-1	1356	1478	1338	1390	5.47	cps
Cadmium	106-1	1884	2092	1884	1953	6.16	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Calcium	43-1	98762	99484	94836	97694	2.56	cps
Calcium	44-1	1628206	1636788	1550069	1605021	2.98	cps
Chromium	52-2	1167	1173	1163	1168	0.44	cps
Cobalt	59-2	2980	3067	3060	3036	1.59	cps
Copper	63-2	1103	957	1163	1075	9.90	cps
Dysprosium	156-1	108	83	75	89	19.52	cps
Dysprosium	156-2	13	27	20	20	33.35	cps
Erbium	164-1	117	108	133	119	10.66	cps
Erbium	164-2	23	30	20	24	20.83	cps
Gadolinium	160-1	183	108	142	144	26.02	cps
Gadolinium	160-2	50	33	17	33	50.00	cps
Holmium	165-1	12838863	12133665	12395176	12455901	2.86	cps
Holmium	165-2	2942158	3064164	3131029	3045784	3.14	cps
Indium	115-1	10060463	9719702	9675192	9818453	2.15	cps
Indium	115-2	463392	482010	481217	475540	2.21	cps
Iron	56-2	1890448	1918278	1955628	1921451	1.70	cps
Iron	57-2	46300	47214	48780	47431	2.64	cps
Krypton	83-1	270	290	303	288	5.83	cps
Lead	206-1	1189	1072	1022	1095	7.81	cps
Lead	207-1	1056	939	1006	1000	5.85	cps
Lead	208-1	5106	4384	4334	4608	9.38	cps
Lithium	6-1	2195300	2072542	2082544	2116796	3.22	cps
Magnesium	24-2	72795	71421	71933	72050	0.96	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-04DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0041DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:28:32	DataFile Name :	025SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163653	167561	169123	166779	1.69	cps
Molybdenum	94-1	733	750	658	714	6.84	cps
Molybdenum	95-1	483	542	417	481	13.02	cps
Molybdenum	96-1	700	667	842	736	12.62	cps
Molybdenum	97-1	342	325	283	317	9.49	cps
Molybdenum	98-1	767	767	800	778	2.48	cps
Neodymium	150-1	113	113	93	107	10.82	cps
Neodymium	150-2	10	20	23	18	39.03	cps
Nickel	60-2	747	640	793	727	10.82	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	9570	9112	9278	9320	2.49	cps
Rhodium	103-1	9413090	8923234	9078183	9138169	2.74	cps
Rhodium	103-2	2752091	2855739	2836721	2814851	1.96	cps
Scandium	45-1	5980324	5705940	5783437	5823234	2.43	cps
Scandium	45-2	50149	51832	51414	51132	1.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	9	2	4	99.03	cps
Selenium	82-1	62	-9	-18	12	371.02	cps
Silicon	28-1	2615222	2590121	2533036	2579460	1.63	cps
Silver	109-1	450	550	558	519	11.61	cps
Silver	107-1	533	575	458	522	11.32	cps
Sodium	23-2	1186228	1211576	1221075	1206293	1.49	cps
Strontium	86-1	132075	133229	126659	130655	2.68	cps
Strontium	88-1	1152782	1153209	1117507	1141166	1.80	cps
Sulfur	34-1	862885	860649	836974	853503	1.68	cps
Terbium	159-1	13184955	12572481	12624925	12794120	2.65	cps
Terbium	159-2	2862636	2951153	2983495	2932428	2.13	cps
Thallium	203-1	483	408	300	397	23.20	cps
Thallium	205-1	858	892	983	911	7.10	cps
Tin	118-1	742	817	750	770	5.34	cps
Titanium	47-1	292	267	250	269	7.78	cps
Uranium	238-1	1075	1100	1025	1067	3.58	cps
Vanadium	51-2	20	33	33	29	26.64	cps
Yttrium	89-1	10514595	10006082	10126790	10215822	2.60	cps
Yttrium	89-2	345606	355235	356602	352481	1.70	cps
Zinc	66-2	170	160	190	173	8.81	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3738-04DLX20	Instrumnet Name :	P8
Client Sample ID :	S22-0041DL	Dilution Factor :	20
Date & Time Acquired ::	2018-07-17 15:28:32	DataFile Name :	025SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1267	1250	1142	1220	5.57	cps
Zirconium	91-1	292	292	300	294	1.64	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3783-01DLX10	Instrumnet Name :	P8
Client Sample ID :	S10-0147DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:31:51	DataFile Name :	026SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	425	342	372	12.33	cps
Antimony	121-1	858	750	958	856	12.18	cps
Arsenic	75-2	102	109	98	103	5.49	cps
Barium	135-1	5768	5918	5435	5707	4.34	cps
Barium	137-1	9779	9512	9512	9601	1.60	cps
Beryllium	9-1	117	72	83	91	25.49	cps
Bismuth	209-1	8418673	8150086	7928132	8165631	3.01	cps
Bismuth	209-2	2474521	2490379	2509730	2491543	0.71	cps
Boron	10-1	967	1033	1233	1078	12.88	cps
Boron	11-1	5126	5335	5235	5232	1.99	cps
Cadmium	111-1	1447	1539	1535	1507	3.44	cps
Cadmium	106-1	2050	2117	2142	2103	2.25	cps
Cadmium	108-1	13	38	8	19	81.14	cps
Calcium	43-1	231081	224829	219040	224983	2.68	cps
Calcium	44-1	3792903	3782242	3643736	3739627	2.23	cps
Chromium	52-2	1803	1797	1813	1805	0.47	cps
Cobalt	59-2	703	573	647	641	10.17	cps
Copper	63-2	3034	3024	3057	3038	0.56	cps
Dysprosium	156-1	150	167	217	178	19.52	cps
Dysprosium	156-2	47	40	27	38	26.95	cps
Erbium	164-1	258	225	258	247	7.79	cps
Erbium	164-2	40	60	50	50	20.00	cps
Gadolinium	160-1	183	158	225	189	17.83	cps
Gadolinium	160-2	63	77	63	68	11.36	cps
Holmium	165-1	12777342	12547700	12183192	12502745	2.40	cps
Holmium	165-2	3044990	3097067	3106911	3082989	1.08	cps
Indium	115-1	10114501	9840731	9502094	9819109	3.12	cps
Indium	115-2	467128	470442	468243	468605	0.36	cps
Iron	56-2	110294	111088	109202	110195	0.86	cps
Iron	57-2	2912	2689	2873	2824	4.20	cps
Krypton	83-1	317	297	340	318	6.83	cps
Lead	206-1	1345	1306	1095	1248	10.78	cps
Lead	207-1	1150	1161	1150	1154	0.56	cps
Lead	208-1	5201	5512	5173	5295	3.55	cps
Lithium	6-1	2123634	2081111	1992753	2065832	3.23	cps
Magnesium	24-2	1162853	1152332	1159194	1158126	0.46	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3783-01DLX10	Instrumnet Name :	P8
Client Sample ID :	S10-0147DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:31:51	DataFile Name :	026SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46086	45621	44909	45539	1.30	cps
Molybdenum	94-1	2084	2550	2242	2292	10.36	cps
Molybdenum	95-1	2250	2475	2667	2464	8.46	cps
Molybdenum	96-1	2784	2909	2817	2837	2.28	cps
Molybdenum	97-1	1692	1742	1617	1684	3.74	cps
Molybdenum	98-1	4192	4226	3976	4131	3.29	cps
Neodymium	150-1	240	167	207	204	17.96	cps
Neodymium	150-2	23	30	17	23	28.56	cps
Nickel	60-2	537	443	503	494	9.57	cps
Phosphorus	31-2	217	100	108	142	45.94	cps
Potassium	39-2	14525	13866	14483	14291	2.58	cps
Rhodium	103-1	9432580	9161247	8935493	9176440	2.71	cps
Rhodium	103-2	2786409	2847514	2814063	2815995	1.09	cps
Scandium	45-1	6009218	5739516	5545742	5764826	4.04	cps
Scandium	45-2	50233	50243	49504	49993	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-29	-26	-59	-38	-47.10	cps
Silicon	28-1	1990504	1948052	1906702	1948420	2.15	cps
Silver	109-1	1300	1600	1734	1545	14.37	cps
Silver	107-1	1325	1542	1600	1489	9.73	cps
Sodium	23-2	99648	98867	99270	99262	0.39	cps
Strontium	86-1	151515	148769	146209	148831	1.78	cps
Strontium	88-1	1314922	1304754	1267526	1295734	1.93	cps
Sulfur	34-1	1749049	1742769	1669132	1720317	2.58	cps
Terbium	159-1	13136174	12902216	12437414	12825268	2.77	cps
Terbium	159-2	2921603	2968574	2902287	2930821	1.16	cps
Thallium	203-1	708	617	775	700	11.36	cps
Thallium	205-1	1375	1500	1667	1514	9.67	cps
Tin	118-1	1358	1425	1292	1358	4.91	cps
Titanium	47-1	808	950	1092	950	14.91	cps
Uranium	238-1	10421	10747	10221	10463	2.53	cps
Vanadium	51-2	87	83	70	80	11.03	cps
Yttrium	89-1	10411791	10134091	9766884	10104255	3.20	cps
Yttrium	89-2	347936	350841	353776	350851	0.83	cps
Zinc	66-2	340	373	360	358	4.69	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3783-01DLX10	Instrumnet Name :	P8
Client Sample ID :	S10-0147DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:31:51	DataFile Name :	026SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2667	2884	2492	2681	7.32	cps
Zirconium	91-1	492	592	667	583	15.05	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-02DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY07DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:35:09	DataFile Name :	027SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	33	36	35.25	cps
Antimony	121-1	1083	933	1033	1017	7.51	cps
Arsenic	75-2	69	57	72	66	11.67	cps
Barium	135-1	8453	8120	8195	8256	2.12	cps
Barium	137-1	14776	15777	14734	15095	3.91	cps
Beryllium	9-1	83	83	89	85	3.76	cps
Bismuth	209-1	8383230	8227856	8188774	8266620	1.24	cps
Bismuth	209-2	2355493	2365664	2336135	2352431	0.64	cps
Boron	10-1	417	608	725	583	26.69	cps
Boron	11-1	2809	2800	2925	2845	2.46	cps
Cadmium	111-1	1506	1566	1578	1550	2.46	cps
Cadmium	106-1	2109	2175	2217	2167	2.52	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	169342	169401	168457	169067	0.31	cps
Calcium	44-1	2838220	2812723	2805108	2818683	0.62	cps
Chromium	52-2	553	450	480	494	10.75	cps
Cobalt	59-2	1720	1643	1577	1647	4.36	cps
Copper	63-2	1900	2140	1847	1962	7.96	cps
Dysprosium	156-1	58	83	42	61	34.32	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	75	75	58	69	13.85	cps
Erbium	164-2	17	27	27	23	24.74	cps
Gadolinium	160-1	117	100	67	94	26.96	cps
Gadolinium	160-2	30	20	17	22	31.22	cps
Holmium	165-1	12923943	12663873	12644818	12744211	1.22	cps
Holmium	165-2	2888167	2874598	2881730	2881498	0.24	cps
Indium	115-1	10137226	9778671	9757595	9891164	2.16	cps
Indium	115-2	436006	436853	433508	435456	0.40	cps
Iron	56-2	544902	527759	517238	529967	2.63	cps
Iron	57-2	14108	13229	12306	13214	6.82	cps
Krypton	83-1	277	247	227	250	10.07	cps
Lead	206-1	661	706	833	733	12.19	cps
Lead	207-1	639	672	639	650	2.96	cps
Lead	208-1	2956	2978	3022	2985	1.14	cps
Lithium	6-1	2096170	2056315	2086573	2079686	1.00	cps
Magnesium	24-2	51268	50081	49562	50304	1.74	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-02DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY07DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:35:09	DataFile Name :	027SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	121157	116589	114185	117310	3.02	cps
Molybdenum	94-1	917	767	642	775	17.77	cps
Molybdenum	95-1	633	533	500	556	12.49	cps
Molybdenum	96-1	642	558	600	600	6.95	cps
Molybdenum	97-1	408	383	275	356	19.93	cps
Molybdenum	98-1	925	842	858	875	5.04	cps
Neodymium	150-1	73	47	27	49	47.89	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	200	160	180	180	11.11	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	8770	8762	7928	8486	5.70	cps
Rhodium	103-1	9407025	9193916	9157888	9252943	1.46	cps
Rhodium	103-2	2602954	2630965	2618699	2617539	0.54	cps
Scandium	45-1	5747693	5647277	5637556	5677509	1.07	cps
Scandium	45-2	45196	44621	44614	44810	0.75	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	33	6	49	29	72.61	cps
Silicon	28-1	2638217	2596770	2575808	2603599	1.22	cps
Silver	109-1	1333	1383	1542	1420	7.66	cps
Silver	107-1	1292	1583	1634	1503	12.28	cps
Sodium	23-2	33824	32939	33356	33373	1.33	cps
Strontium	86-1	139927	141138	140541	140536	0.43	cps
Strontium	88-1	1230635	1220309	1215687	1222210	0.63	cps
Sulfur	34-1	314639	312381	314022	313681	0.37	cps
Terbium	159-1	13353865	13013355	12909473	13092231	1.78	cps
Terbium	159-2	2749400	2749142	2748906	2749149	0.01	cps
Thallium	203-1	492	425	492	469	8.20	cps
Thallium	205-1	1042	1192	1108	1114	6.75	cps
Tin	118-1	1317	1542	1225	1361	11.97	cps
Titanium	47-1	158	175	183	172	7.39	cps
Uranium	238-1	400	467	292	386	22.87	cps
Vanadium	51-2	10	17	27	18	47.19	cps
Yttrium	89-1	10321391	10094365	10050284	10155347	1.43	cps
Yttrium	89-2	321851	322236	317745	320611	0.78	cps
Zinc	66-2	110	133	67	103	32.74	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-02DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY07DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:35:09	DataFile Name :	027SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1492	1358	1283	1378	7.66	cps
Zirconium	91-1	267	325	317	303	10.42	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-03DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY08DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:38:28	DataFile Name :	028SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	67	53	32.88	cps
Antimony	121-1	700	900	933	845	14.94	cps
Arsenic	75-2	48	41	39	43	11.50	cps
Barium	135-1	4876	5085	5260	5073	3.78	cps
Barium	137-1	9129	8695	9179	9001	2.96	cps
Beryllium	9-1	100	44	72	72	38.46	cps
Bismuth	209-1	8461108	8347286	7675734	8161376	5.20	cps
Bismuth	209-2	2492165	2432528	2485656	2470116	1.32	cps
Boron	10-1	508	467	592	522	12.19	cps
Boron	11-1	2425	2500	2300	2409	4.20	cps
Cadmium	111-1	1288	1445	1142	1292	11.71	cps
Cadmium	106-1	1809	2017	1600	1809	11.52	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	160549	161502	161250	161100	0.31	cps
Calcium	44-1	2717753	2670225	2672334	2686771	1.00	cps
Chromium	52-2	523	497	467	496	5.72	cps
Cobalt	59-2	1517	1443	1410	1457	3.75	cps
Copper	63-2	1660	1617	1673	1650	1.80	cps
Dysprosium	156-1	33	42	83	53	50.76	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	150	50	92	97	51.67	cps
Erbium	164-2	7	23	17	16	53.90	cps
Gadolinium	160-1	50	133	133	106	45.58	cps
Gadolinium	160-2	30	43	17	30	44.43	cps
Holmium	165-1	12891972	12806194	11557725	12418630	6.01	cps
Holmium	165-2	3064176	2985485	2999134	3016265	1.39	cps
Indium	115-1	9927929	9871522	9022765	9607405	5.28	cps
Indium	115-2	458294	452815	453256	454788	0.67	cps
Iron	56-2	352503	351283	349688	351158	0.40	cps
Iron	57-2	8848	8814	8870	8844	0.32	cps
Krypton	83-1	243	290	273	269	8.80	cps
Lead	206-1	694	667	506	622	16.39	cps
Lead	207-1	572	750	517	613	19.89	cps
Lead	208-1	2645	2945	2672	2754	6.02	cps
Lithium	6-1	2084681	2078244	1906094	2023006	5.01	cps
Magnesium	24-2	40066	39815	39531	39804	0.67	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-03DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY08DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:38:28	DataFile Name :	028SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	85630	84037	84500	84722	0.97	cps
Molybdenum	94-1	700	700	725	708	2.04	cps
Molybdenum	95-1	408	442	392	414	6.15	cps
Molybdenum	96-1	350	542	583	492	25.31	cps
Molybdenum	97-1	317	258	350	308	15.05	cps
Molybdenum	98-1	567	725	775	689	15.79	cps
Neodymium	150-1	93	47	120	87	42.83	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	227	243	247	239	4.49	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	3842	4142	4134	4040	4.23	cps
Rhodium	103-1	9278883	9175131	8441273	8965096	5.09	cps
Rhodium	103-2	2792922	2717416	2735891	2748743	1.43	cps
Scandium	45-1	5680099	5564360	5097668	5447376	5.66	cps
Scandium	45-2	46590	45721	46266	46193	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-9	-17	-5	-10	-57.85	cps
Silicon	28-1	2223622	2203778	2199161	2208854	0.59	cps
Silver	109-1	1075	1075	1242	1131	8.51	cps
Silver	107-1	1233	1425	1358	1339	7.27	cps
Sodium	23-2	28772	28838	28020	28543	1.59	cps
Strontium	86-1	124919	128544	126776	126746	1.43	cps
Strontium	88-1	1092046	1104724	1100400	1099057	0.59	cps
Sulfur	34-1	308788	307034	308951	308257	0.34	cps
Terbium	159-1	13200219	13158706	11874123	12744349	5.92	cps
Terbium	159-2	2927970	2857311	2877680	2887654	1.26	cps
Thallium	203-1	233	350	400	328	26.09	cps
Thallium	205-1	817	675	725	739	9.72	cps
Tin	118-1	1408	1358	1267	1345	5.34	cps
Titanium	47-1	217	192	200	203	6.28	cps
Uranium	238-1	858	1050	1000	970	10.26	cps
Vanadium	51-2	23	20	20	21	9.11	cps
Yttrium	89-1	10092502	10021312	9163506	9759107	5.30	cps
Yttrium	89-2	335759	330654	331415	332609	0.83	cps
Zinc	66-2	167	147	147	153	7.53	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3787-03DLX10	Instrumnet Name :	P8
Client Sample ID :	SP18-CHY08DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 15:38:28	DataFile Name :	028SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1325	1092	1175	1197	9.88	cps
Zirconium	91-1	267	350	275	297	15.44	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:41:48	DataFile Name :	029CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267942	271219	267826	268996	0.72	cps
Antimony	121-1	3388932	3434308	3408732	3410657	0.67	cps
Arsenic	75-2	38113	38258	38195	38189	0.19	cps
Barium	135-1	3749674	3765418	3731687	3748926	0.45	cps
Barium	137-1	6486081	6545756	6480247	6504028	0.56	cps
Beryllium	9-1	482052	482772	482088	482304	0.08	cps
Bismuth	209-1	7716390	7805625	7733629	7751881	0.61	cps
Bismuth	209-2	2313884	2129832	2280101	2241272	4.37	cps
Boron	10-1	52062	55040	56830	54644	4.41	cps
Boron	11-1	251025	258967	265548	258513	2.81	cps
Cadmium	111-1	710342	711541	714462	712115	0.30	cps
Cadmium	106-1	78781	78244	76173	77733	1.77	cps
Cadmium	108-1	50712	51979	51306	51332	1.24	cps
Calcium	43-1	3872224	3850130	3870846	3864400	0.32	cps
Calcium	44-1	62533491	62787466	62975962	62765640	0.35	cps
Chromium	52-2	358438	357798	355723	357320	0.40	cps
Cobalt	59-2	742593	743175	737190	740986	0.45	cps
Copper	63-2	1232610	1233842	1229781	1232078	0.17	cps
Dysprosium	156-1	42	42	92	58	49.48	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	33	58	83	58	42.86	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	92	92	125	103	18.73	cps
Gadolinium	160-2	7	23	10	13	66.12	cps
Holmium	165-1	12280930	12411551	12368555	12353678	0.54	cps
Holmium	165-2	2988857	2740948	2956969	2895591	4.66	cps
Indium	115-1	9201859	9236240	9150919	9196339	0.47	cps
Indium	115-2	433471	400707	431542	421907	4.36	cps
Iron	56-2	57993262	58205622	57906629	58035171	0.27	cps
Iron	57-2	1497986	1489895	1480737	1489539	0.58	cps
Krypton	83-1	277	303	247	276	10.29	cps
Lead	206-1	2437035	2409289	2411984	2419436	0.63	cps
Lead	207-1	2204696	2223068	2219359	2215708	0.44	cps
Lead	208-1	9874894	9902946	9875111	9884317	0.16	cps
Lithium	6-1	1929549	1979797	1956316	1955221	1.29	cps
Magnesium	24-2	6427369	6465419	6422867	6438551	0.36	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:41:48	DataFile Name :	029CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197619	198553	196928	197700	0.41	cps
Molybdenum	94-1	5914824	5954767	5985337	5951643	0.59	cps
Molybdenum	95-1	7290009	7329945	7358085	7326013	0.47	cps
Molybdenum	96-1	8131804	8159965	8116185	8135984	0.27	cps
Molybdenum	97-1	4635728	4676927	4666874	4659843	0.46	cps
Molybdenum	98-1	11811784	11926623	11875436	11871281	0.48	cps
Neodymium	150-1	147	167	147	153	7.53	cps
Neodymium	150-2	13	0	13	9	86.60	cps
Nickel	60-2	217176	215392	217170	216579	0.47	cps
Phosphorus	31-2	3434	3192	3501	3376	4.81	cps
Potassium	39-2	1692367	1683187	1691819	1689124	0.30	cps
Rhodium	103-1	8379133	8358380	8390226	8375913	0.19	cps
Rhodium	103-2	2533614	2352642	2520990	2469082	4.09	cps
Scandium	45-1	5413137	5383923	5398301	5398454	0.27	cps
Scandium	45-2	46594	42591	46146	45110	4.86	cps
Selenium	77-2	313	350	273	312	12.28	cps
Selenium	78-2	837	924	887	883	4.95	cps
Selenium	82-1	43678	43317	43874	43623	0.65	cps
Silicon	28-1	1734705	1712827	1757625	1735052	1.29	cps
Silver	109-1	3458899	3399548	3448692	3435713	0.92	cps
Silver	107-1	3575567	3596965	3608126	3593552	0.46	cps
Sodium	23-2	14427184	14438262	14424256	14429901	0.05	cps
Strontium	86-1	922171	917768	920164	920035	0.24	cps
Strontium	88-1	7905002	7841642	8010769	7919138	1.08	cps
Sulfur	34-1	530896	531848	526791	529845	0.51	cps
Terbium	159-1	12668927	12700134	12619051	12662704	0.32	cps
Terbium	159-2	2810833	2620558	2787145	2739512	3.79	cps
Thallium	203-1	2962449	2971408	2965826	2966561	0.15	cps
Thallium	205-1	6897096	7007685	6930478	6945086	0.82	cps
Tin	118-1	2420461	2462250	2438512	2440408	0.86	cps
Titanium	47-1	1985581	1960455	1987775	1977937	0.77	cps
Uranium	238-1	9803369	9843346	9732617	9793111	0.57	cps
Vanadium	51-2	258902	260165	260240	259769	0.29	cps
Yttrium	89-1	9594470	9596374	9691006	9627283	0.57	cps
Yttrium	89-2	326826	304687	326449	319320	3.97	cps
Zinc	66-2	107086	107042	106478	106869	0.32	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:41:48	DataFile Name :	029CCV_P8071718MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5000367	4963922	4984895	4983061	0.37	cps
Zirconium	91-1	1116160	1111624	1113558	1113780	0.20	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:47:13	DataFile Name :	030CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	17	19	65.47	cps
Antimony	121-1	3617	3117	2967	3234	10.53	cps
Arsenic	75-2	0	6	2	2	114.63	cps
Barium	135-1	83	33	58	58	42.86	cps
Barium	137-1	92	133	92	106	22.79	cps
Beryllium	9-1	144	106	200	150	31.64	cps
Bismuth	209-1	8543005	8549925	8124854	8405928	2.90	cps
Bismuth	209-2	2577248	2623313	2574591	2591717	1.06	cps
Boron	10-1	1350	1025	867	1081	22.80	cps
Boron	11-1	4734	4784	4376	4632	4.81	cps
Cadmium	111-1	1528	1453	1359	1447	5.84	cps
Cadmium	106-1	2134	2042	1867	2014	6.73	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	558	467	433	486	13.32	cps
Calcium	44-1	13916	14174	14834	14308	3.31	cps
Chromium	52-2	460	520	460	480	7.22	cps
Cobalt	59-2	37	73	53	54	33.71	cps
Copper	63-2	540	527	490	519	4.99	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	42	83	100	75	40.06	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	12921589	12975452	12396821	12764621	2.50	cps
Holmium	165-2	3135905	3174846	3149509	3153420	0.63	cps
Indium	115-1	10128627	10029457	9673095	9943726	2.41	cps
Indium	115-2	479924	483300	474977	479401	0.87	cps
Iron	56-2	2095	1917	2156	2056	6.04	cps
Iron	57-2	67	67	39	57	27.94	cps
Krypton	83-1	263	237	187	229	17.00	cps
Lead	206-1	594	644	561	600	6.99	cps
Lead	207-1	583	450	494	509	13.33	cps
Lead	208-1	2522	2500	2450	2491	1.48	cps
Lithium	6-1	2145456	2165055	2075761	2128758	2.20	cps
Magnesium	24-2	275	292	325	297	8.57	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:47:13	DataFile Name :	030CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	13	7	12	41.65	cps
Molybdenum	94-1	1475	1317	1117	1303	13.78	cps
Molybdenum	95-1	1950	1417	1592	1653	16.45	cps
Molybdenum	96-1	1734	1792	1609	1711	5.47	cps
Molybdenum	97-1	1008	1033	1008	1017	1.42	cps
Molybdenum	98-1	2534	2550	2250	2445	6.90	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	113	100	112	10.43	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2525	2225	2350	2367	6.37	cps
Rhodium	103-1	9442465	9377715	9052681	9290953	2.25	cps
Rhodium	103-2	2848446	2867258	2825322	2847009	0.74	cps
Scandium	45-1	5791970	5762539	5524809	5693106	2.57	cps
Scandium	45-2	49584	50714	49176	49825	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	0	2	173.21	cps
Selenium	82-1	5	31	108	48	112.17	cps
Silicon	28-1	226347	226430	228439	227072	0.52	cps
Silver	109-1	317	350	333	333	5.00	cps
Silver	107-1	500	433	383	439	13.34	cps
Sodium	23-2	7119	7027	7269	7138	1.71	cps
Strontium	86-1	450	450	500	467	6.19	cps
Strontium	88-1	350	217	250	272	25.49	cps
Sulfur	34-1	311029	305674	309042	308582	0.88	cps
Terbium	159-1	13341326	13256771	12688645	13095581	2.71	cps
Terbium	159-2	2985558	2990188	2976467	2984071	0.23	cps
Thallium	203-1	392	392	433	406	5.93	cps
Thallium	205-1	892	1058	917	956	9.41	cps
Tin	118-1	1317	1233	1183	1245	5.41	cps
Titanium	47-1	125	117	158	133	16.54	cps
Uranium	238-1	208	158	150	172	18.32	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	10337118	10245139	9749871	10110709	3.12	cps
Yttrium	89-2	352739	355759	347614	352038	1.17	cps
Zinc	66-2	50	27	50	42	31.90	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 15:47:13	DataFile Name :	030CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1542	1575	1317	1478	9.51	cps
Zirconium	91-1	342	400	350	364	8.67	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BL	Instrumnet Name :	P8
Client Sample ID :	PB111199BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:01:09	DataFile Name :	031CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	858	733	825	806	8.04	cps
Arsenic	75-2	4	0	0	1	173.21	cps
Barium	135-1	25	8	8	14	69.31	cps
Barium	137-1	42	33	108	61	67.27	cps
Beryllium	9-1	111	83	56	83	33.33	cps
Bismuth	209-1	8668733	8251167	8565493	8495131	2.56	cps
Bismuth	209-2	2632172	2603034	2597527	2610911	0.71	cps
Boron	10-1	400	467	358	408	13.38	cps
Boron	11-1	1759	2000	1892	1884	6.43	cps
Cadmium	111-1	1394	1328	1405	1376	3.03	cps
Cadmium	106-1	1967	1884	1992	1947	2.91	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	483	508	533	508	4.92	cps
Calcium	44-1	14233	14441	14024	14233	1.46	cps
Chromium	52-2	420	477	467	454	6.66	cps
Cobalt	59-2	50	37	47	44	15.61	cps
Copper	63-2	410	353	460	408	13.09	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	25	75	44	60.28	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	117	83	83	94	20.37	cps
Gadolinium	160-2	3	17	3	8	99.04	cps
Holmium	165-1	13155116	12550775	13008133	12904675	2.44	cps
Holmium	165-2	3211019	3176703	3202918	3196880	0.56	cps
Indium	115-1	10313538	9729571	10164815	10069308	3.01	cps
Indium	115-2	497876	486740	493729	492781	1.14	cps
Iron	56-2	1445	1283	1295	1341	6.71	cps
Iron	57-2	67	33	50	50	33.34	cps
Krypton	83-1	197	323	307	276	24.98	cps
Lead	206-1	528	456	467	483	8.05	cps
Lead	207-1	467	311	461	413	21.37	cps
Lead	208-1	2045	1733	1867	1882	8.30	cps
Lithium	6-1	2210552	2112829	2152896	2158759	2.28	cps
Magnesium	24-2	242	267	225	244	8.58	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BL	Instrumnet Name :	P8
Client Sample ID :	PB111199BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:01:09	DataFile Name :	031CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	47	10	24	79.90	cps
Molybdenum	94-1	608	558	492	553	10.59	cps
Molybdenum	95-1	350	258	275	294	16.58	cps
Molybdenum	96-1	367	433	467	422	12.06	cps
Molybdenum	97-1	200	308	167	225	32.92	cps
Molybdenum	98-1	625	517	467	536	15.10	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	80	97	86	11.25	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	2175	2217	2184	2192	1.01	cps
Rhodium	103-1	9701807	9180747	9605019	9495858	2.92	cps
Rhodium	103-2	2949829	2883219	2932469	2921839	1.18	cps
Scandium	45-1	5920907	5690218	5854197	5821774	2.04	cps
Scandium	45-2	51775	51802	52063	51880	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	72	-55	-66	-16	-472.74	cps
Silicon	28-1	226539	223780	229380	226566	1.24	cps
Silver	109-1	175	150	208	178	16.46	cps
Silver	107-1	275	275	142	231	33.39	cps
Sodium	23-2	5485	5601	5626	5571	1.36	cps
Strontium	86-1	433	433	383	417	6.93	cps
Strontium	88-1	117	192	100	136	35.87	cps
Sulfur	34-1	319820	319060	323345	320742	0.71	cps
Terbium	159-1	13525610	12763051	13299389	13196016	2.97	cps
Terbium	159-2	3063370	3019324	3069692	3050795	0.90	cps
Thallium	203-1	258	292	300	283	7.78	cps
Thallium	205-1	642	733	708	694	6.82	cps
Tin	118-1	642	525	425	531	20.44	cps
Titanium	47-1	67	92	75	78	16.36	cps
Uranium	238-1	42	42	8	31	62.99	cps
Vanadium	51-2	13	10	3	9	57.30	cps
Yttrium	89-1	10528225	10029090	10414302	10323872	2.53	cps
Yttrium	89-2	365373	357655	365326	362785	1.22	cps
Zinc	66-2	167	130	140	146	13.02	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BL	Instrumnet Name :	P8
Client Sample ID :	PB111199BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:01:09	DataFile Name :	031CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	933	1067	1050	1017	7.14	cps
Zirconium	91-1	158	242	133	178	31.91	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BS	Instrumnet Name :	P8
Client Sample ID :	PB111199BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:04:28	DataFile Name :	032LCS6_P8071718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53627	52581	53937	53382	1.33	cps
Antimony	121-1	3400951	3402533	3414508	3405997	0.22	cps
Arsenic	75-2	38297	38786	38297	38460	0.73	cps
Barium	135-1	3692696	3649895	3640434	3661008	0.76	cps
Barium	137-1	6413285	6351118	6418015	6394139	0.58	cps
Beryllium	9-1	477977	476625	475839	476814	0.23	cps
Bismuth	209-1	7914007	7914640	7993651	7940766	0.58	cps
Bismuth	209-2	2365613	2244461	2362509	2324194	2.97	cps
Boron	10-1	51008	53359	53024	52464	2.42	cps
Boron	11-1	241348	248100	254435	247961	2.64	cps
Cadmium	111-1	722420	721654	726448	723507	0.36	cps
Cadmium	106-1	78000	78043	79040	78361	0.75	cps
Cadmium	108-1	51925	52050	53025	52333	1.15	cps
Calcium	43-1	768773	768084	772641	769833	0.32	cps
Calcium	44-1	12600796	12554738	12514238	12556591	0.34	cps
Chromium	52-2	346842	342712	344456	344670	0.60	cps
Cobalt	59-2	741087	740355	737765	739736	0.24	cps
Copper	63-2	1269827	1264732	1259159	1264573	0.42	cps
Dysprosium	156-1	42	92	92	75	38.49	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	100	58	67	75	29.40	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	92	58	117	89	32.92	cps
Gadolinium	160-2	23	23	30	26	15.07	cps
Holmium	165-1	12262630	12210265	12187157	12220017	0.32	cps
Holmium	165-2	2985462	2810878	2974286	2923542	3.34	cps
Indium	115-1	9331982	9310808	9442864	9361885	0.76	cps
Indium	115-2	449732	417644	446003	437793	4.01	cps
Iron	56-2	11698893	11645592	11594665	11646383	0.45	cps
Iron	57-2	295422	294932	293011	294455	0.43	cps
Krypton	83-1	303	257	220	260	16.06	cps
Lead	206-1	2370286	2365524	2407869	2381226	0.97	cps
Lead	207-1	2171009	2159312	2200931	2177084	0.99	cps
Lead	208-1	9692342	9727944	9779986	9733424	0.45	cps
Lithium	6-1	1984556	1991014	2013626	1996399	0.76	cps
Magnesium	24-2	1323704	1296306	1300428	1306813	1.13	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BS	Instrumnet Name :	P8
Client Sample ID :	PB111199BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:04:28	DataFile Name :	032LCS6_P8071718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198346	197759	197903	198003	0.15	cps
Molybdenum	94-1	5836012	5816085	5865619	5839238	0.43	cps
Molybdenum	95-1	7138343	7244625	7203406	7195458	0.74	cps
Molybdenum	96-1	7872529	7997914	8003948	7958130	0.93	cps
Molybdenum	97-1	4558482	4569297	4563159	4563646	0.12	cps
Molybdenum	98-1	11597608	11596670	11598821	11597700	0.01	cps
Neodymium	150-1	187	247	147	193	26.03	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	216828	216434	214441	215901	0.59	cps
Phosphorus	31-2	3492	3184	3301	3326	4.68	cps
Potassium	39-2	333011	330101	330897	331336	0.45	cps
Rhodium	103-1	8659388	8702797	8718319	8693501	0.35	cps
Rhodium	103-2	2610301	2456482	2630153	2565645	3.71	cps
Scandium	45-1	5444303	5430446	5487149	5453966	0.54	cps
Scandium	45-2	46925	43461	47366	45917	4.66	cps
Selenium	77-2	277	227	350	284	21.81	cps
Selenium	78-2	989	857	983	943	7.88	cps
Selenium	82-1	43661	43509	43897	43689	0.45	cps
Silicon	28-1	1811001	1802594	1823206	1812267	0.57	cps
Silver	109-1	3504018	3489977	3546711	3513569	0.84	cps
Silver	107-1	3648237	3659732	3644550	3650839	0.22	cps
Sodium	23-2	2917966	2879020	2879688	2892225	0.77	cps
Strontium	86-1	898249	901294	903790	901111	0.31	cps
Strontium	88-1	7739605	7854259	7719500	7771121	0.94	cps
Sulfur	34-1	540560	532376	530064	534334	1.03	cps
Terbium	159-1	12641326	12559373	12647222	12615974	0.39	cps
Terbium	159-2	2826112	2670938	2869228	2788759	3.74	cps
Thallium	203-1	2949961	2938352	2950864	2946392	0.24	cps
Thallium	205-1	6857658	6823425	6932252	6871112	0.81	cps
Tin	118-1	2373771	2385830	2389414	2383005	0.34	cps
Titanium	47-1	1952559	1938119	1967697	1952792	0.76	cps
Uranium	238-1	9439069	9435453	9493833	9456118	0.35	cps
Vanadium	51-2	256944	255344	256758	256349	0.34	cps
Yttrium	89-1	9640059	9715300	9745173	9700177	0.56	cps
Yttrium	89-2	330397	312963	330664	324675	3.12	cps
Zinc	66-2	111507	111658	112045	111737	0.25	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	PB111199BS	Instrumnet Name :	P8
Client Sample ID :	PB111199BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:04:28	DataFile Name :	032LCS6_P8071718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4931239	4875992	4901159	4902797	0.56	cps
Zirconium	91-1	1083274	1091748	1089188	1088070	0.40	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-01	Instrumnet Name :	P8
Client Sample ID :	LF1-0028	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:07:39	DataFile Name :	033SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	317	508	431	23.41	cps
Antimony	121-1	18814	16603	16319	17245	7.92	cps
Arsenic	75-2	5212	5347	5127	5229	2.13	cps
Barium	135-1	111305	110779	112198	111427	0.64	cps
Barium	137-1	192811	192345	195864	193673	0.99	cps
Beryllium	9-1	239	206	267	237	12.91	cps
Bismuth	209-1	7933942	7944011	7937581	7938511	0.06	cps
Bismuth	209-2	2125808	2126032	2155478	2135772	0.80	cps
Boron	10-1	4893	4884	4401	4726	5.96	cps
Boron	11-1	22443	22068	21525	22012	2.10	cps
Cadmium	111-1	1452	1371	1635	1486	9.10	cps
Cadmium	106-1	1692	1634	2025	1784	11.85	cps
Cadmium	108-1	46	63	29	46	36.36	cps
Calcium	43-1	2205622	2192139	2193847	2197203	0.33	cps
Calcium	44-1	36128151	35333778	35435601	35632510	1.21	cps
Chromium	52-2	1560	1647	1503	1570	4.60	cps
Cobalt	59-2	8800	9083	8476	8786	3.46	cps
Copper	63-2	7259	7322	7269	7283	0.47	cps
Dysprosium	156-1	367	342	483	397	19.04	cps
Dysprosium	156-2	93	93	103	97	5.97	cps
Erbium	164-1	342	801	292	478	58.71	cps
Erbium	164-2	50	67	67	61	15.75	cps
Gadolinium	160-1	400	425	425	417	3.46	cps
Gadolinium	160-2	100	130	90	107	19.52	cps
Holmium	165-1	11682219	11799394	11950352	11810655	1.14	cps
Holmium	165-2	2620742	2569328	2579955	2590008	1.05	cps
Indium	115-1	8627033	8747194	8640252	8671493	0.76	cps
Indium	115-2	363469	356829	358754	359684	0.95	cps
Iron	56-2	4297159	4277319	4215035	4263171	1.01	cps
Iron	57-2	108278	107970	105026	107092	1.68	cps
Krypton	83-1	317	240	243	267	16.25	cps
Lead	206-1	6291	5746	5563	5866	6.46	cps
Lead	207-1	5096	4812	4440	4783	6.88	cps
Lead	208-1	23459	21802	20635	21965	6.46	cps
Lithium	6-1	1988299	2060058	2066270	2038209	2.13	cps
Magnesium	24-2	1073287	1062612	1060389	1065430	0.65	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-01	Instrumnet Name :	P8
Client Sample ID :	LF1-0028	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:07:39	DataFile Name :	033SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83759	83528	83202	83496	0.33	cps
Molybdenum	94-1	7536	7594	6685	7272	7.00	cps
Molybdenum	95-1	5360	4543	4159	4687	13.08	cps
Molybdenum	96-1	6660	5676	4809	5715	16.20	cps
Molybdenum	97-1	3126	2800	2634	2853	8.77	cps
Molybdenum	98-1	9045	7986	7152	8061	11.77	cps
Neodymium	150-1	447	400	393	413	7.03	cps
Neodymium	150-2	53	70	73	66	16.35	cps
Nickel	60-2	22288	22896	21988	22390	2.07	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	52674	53059	52181	52638	0.84	cps
Rhodium	103-1	7861807	7958413	7940709	7920310	0.65	cps
Rhodium	103-2	2273839	2253447	2230403	2252563	0.96	cps
Scandium	45-1	4721575	4751032	4653529	4708712	1.06	cps
Scandium	45-2	35772	34920	35081	35258	1.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	93	92	116	100	13.40	cps
Silicon	28-1	30143218	29649662	29569457	29787446	1.04	cps
Silver	109-1	5727	5560	5118	5468	5.75	cps
Silver	107-1	5735	6018	4826	5526	11.27	cps
Sodium	23-2	959423	948419	947383	951742	0.70	cps
Strontium	86-1	1611015	1596565	1592875	1600151	0.60	cps
Strontium	88-1	13654424	13686431	13718673	13686509	0.23	cps
Sulfur	34-1	282989	279929	277719	280212	0.94	cps
Terbium	159-1	11968905	12000358	12106775	12025346	0.60	cps
Terbium	159-2	2495080	2473599	2474021	2480900	0.50	cps
Thallium	203-1	3467	2800	2450	2906	17.78	cps
Thallium	205-1	8295	6102	5535	6644	21.94	cps
Tin	118-1	30143	27112	26294	27850	7.28	cps
Titanium	47-1	2884	3686	3276	3282	12.22	cps
Uranium	238-1	52069	51633	52428	52043	0.76	cps
Vanadium	51-2	247	200	210	219	11.22	cps
Yttrium	89-1	8662416	8889959	8656361	8736245	1.52	cps
Yttrium	89-2	263326	259742	260675	261248	0.71	cps
Zinc	66-2	1070	1047	1010	1042	2.90	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-01	Instrumnet Name :	P8
Client Sample ID :	LF1-0028	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:07:39	DataFile Name :	033SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13449	14067	13399	13638	2.73	cps
Zirconium	91-1	3167	2867	2559	2864	10.62	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-02	Instrumnet Name :	P8
Client Sample ID :	LF1-0032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:10:57	DataFile Name :	034SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3284	3342	3542	3389	4.00	cps
Antimony	121-1	16753	17053	16519	16775	1.60	cps
Arsenic	75-2	1446	1472	1554	1491	3.76	cps
Barium	135-1	75793	75692	74233	75239	1.16	cps
Barium	137-1	131735	131321	131280	131445	0.19	cps
Beryllium	9-1	189	150	217	185	18.08	cps
Bismuth	209-1	7440693	7965771	7993150	7799871	3.99	cps
Bismuth	209-2	2131978	2126199	2061130	2106436	1.87	cps
Boron	10-1	2992	2909	3117	3006	3.49	cps
Boron	11-1	12531	13282	13657	13157	4.36	cps
Cadmium	111-1	1673	1574	1885	1711	9.29	cps
Cadmium	106-1	1559	1592	2067	1739	16.35	cps
Cadmium	108-1	38	33	58	43	31.12	cps
Calcium	43-1	187932	188043	186347	187441	0.51	cps
Calcium	44-1	3098340	3079714	3071626	3083227	0.44	cps
Chromium	52-2	2197	2240	2210	2216	1.00	cps
Cobalt	59-2	2480	2344	2517	2447	3.73	cps
Copper	63-2	8096	8269	8549	8305	2.76	cps
Dysprosium	156-1	1158	1033	1117	1103	5.77	cps
Dysprosium	156-2	260	217	223	233	10.00	cps
Erbium	164-1	842	1167	842	950	19.75	cps
Erbium	164-2	200	183	190	191	4.39	cps
Gadolinium	160-1	1033	992	1150	1058	7.76	cps
Gadolinium	160-2	267	293	253	271	7.51	cps
Holmium	165-1	11212316	11973089	12002087	11729164	3.82	cps
Holmium	165-2	2571000	2594925	2494520	2553482	2.05	cps
Indium	115-1	8172328	8687322	8835644	8565098	4.06	cps
Indium	115-2	358674	356719	346756	354050	1.81	cps
Iron	56-2	20792039	20909880	20954819	20885579	0.40	cps
Iron	57-2	529923	532750	525455	529376	0.69	cps
Krypton	83-1	233	283	237	251	11.13	cps
Lead	206-1	5279	5362	5607	5416	3.15	cps
Lead	207-1	4579	4506	4501	4529	0.96	cps
Lead	208-1	21197	21269	21208	21224	0.18	cps
Lithium	6-1	1999217	2103703	2102123	2068348	2.89	cps
Magnesium	24-2	179028	179639	180092	179586	0.30	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-02	Instrumnet Name :	P8
Client Sample ID :	LF1-0032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:10:57	DataFile Name :	034SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39820	39626	38760	39402	1.43	cps
Molybdenum	94-1	13466	13099	13124	13229	1.55	cps
Molybdenum	95-1	19615	19498	19849	19654	0.91	cps
Molybdenum	96-1	22319	22186	22077	22194	0.55	cps
Molybdenum	97-1	12364	12757	12481	12534	1.61	cps
Molybdenum	98-1	32874	32573	32373	32607	0.77	cps
Neodymium	150-1	1760	1580	1654	1665	5.44	cps
Neodymium	150-2	223	220	193	212	7.75	cps
Nickel	60-2	2620	2630	2427	2559	4.48	cps
Phosphorus	31-2	17	42	17	25	57.73	cps
Potassium	39-2	23379	22669	22419	22822	2.18	cps
Rhodium	103-1	7397699	7903921	7979508	7760376	4.08	cps
Rhodium	103-2	2257157	2251528	2202462	2237049	1.34	cps
Scandium	45-1	4324705	4538137	4571341	4478061	2.99	cps
Scandium	45-2	34492	34890	33373	34252	2.30	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	68	-2	25	30	115.83	cps
Silicon	28-1	10022422	9772058	10078769	9957750	1.64	cps
Silver	109-1	1992	1925	1950	1956	1.72	cps
Silver	107-1	2217	2292	1992	2167	7.21	cps
Sodium	23-2	1210439	1226772	1220786	1219332	0.68	cps
Strontium	86-1	203265	202344	203116	202908	0.24	cps
Strontium	88-1	1827402	1823324	1785727	1812151	1.27	cps
Sulfur	34-1	273109	272352	270195	271885	0.56	cps
Terbium	159-1	11466922	12137245	12228242	11944136	3.48	cps
Terbium	159-2	2459556	2438322	2344015	2413964	2.55	cps
Thallium	203-1	750	633	733	706	8.94	cps
Thallium	205-1	1700	1767	1742	1736	1.94	cps
Tin	118-1	17813	17921	18772	18169	2.89	cps
Titanium	47-1	43870	33367	32288	36509	17.53	cps
Uranium	238-1	5685	5977	6419	6027	6.13	cps
Vanadium	51-2	823	803	823	817	1.41	cps
Yttrium	89-1	8082481	8691479	8639115	8471025	3.98	cps
Yttrium	89-2	256668	257768	249498	254645	1.76	cps
Zinc	66-2	1160	1300	1300	1253	6.45	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-02	Instrumnet Name :	P8
Client Sample ID :	LF1-0032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:10:57	DataFile Name :	034SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5610	4968	4726	5101	8.95	cps
Zirconium	91-1	1542	1308	1083	1311	17.48	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-03	Instrumnet Name :	P8
Client Sample ID :	LF1-0033	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:14:15	DataFile Name :	035SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	42	44	10.82	cps
Antimony	121-1	8169	8503	8778	8484	3.59	cps
Arsenic	75-2	6	11	24	14	69.95	cps
Barium	135-1	1759	1800	1667	1742	3.92	cps
Barium	137-1	2892	2525	3009	2809	8.98	cps
Beryllium	9-1	67	89	117	91	27.61	cps
Bismuth	209-1	7985491	8022318	8158186	8055332	1.13	cps
Bismuth	209-2	2119641	2127624	1985349	2077538	3.85	cps
Boron	10-1	1458	1425	1634	1506	7.43	cps
Boron	11-1	7319	6693	7277	7097	4.93	cps
Cadmium	111-1	1258	1259	1169	1229	4.18	cps
Cadmium	106-1	1659	1692	1592	1647	3.09	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	158696	159942	156808	158482	1.00	cps
Calcium	44-1	2624071	2648666	2631406	2634714	0.48	cps
Chromium	52-2	673	667	743	694	6.12	cps
Cobalt	59-2	103	140	137	127	16.00	cps
Copper	63-2	6278	6302	6312	6297	0.27	cps
Dysprosium	156-1	108	125	83	106	19.87	cps
Dysprosium	156-2	33	30	23	29	17.63	cps
Erbium	164-1	83	158	142	128	30.82	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	117	125	108	117	7.14	cps
Gadolinium	160-2	50	50	27	42	31.90	cps
Holmium	165-1	11800171	11909676	12004238	11904695	0.86	cps
Holmium	165-2	2577004	2571433	2354056	2500831	5.08	cps
Indium	115-1	8669762	8761138	8805214	8745371	0.79	cps
Indium	115-2	354288	354176	327364	345276	4.49	cps
Iron	56-2	16393	16399	16227	16340	0.60	cps
Iron	57-2	361	422	450	411	11.06	cps
Krypton	83-1	277	257	267	267	3.75	cps
Lead	206-1	1378	1017	1245	1213	15.06	cps
Lead	207-1	1072	1195	1045	1104	7.23	cps
Lead	208-1	5112	4845	4723	4893	4.07	cps
Lithium	6-1	2070737	2064724	2090263	2075241	0.64	cps
Magnesium	24-2	71790	72485	71933	72069	0.51	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-03	Instrumnet Name :	P8
Client Sample ID :	LF1-0033	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:14:15	DataFile Name :	035SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2184	2154	2294	2210	3.34	cps
Molybdenum	94-1	875	1075	883	945	11.98	cps
Molybdenum	95-1	650	608	692	650	6.41	cps
Molybdenum	96-1	942	842	808	864	8.03	cps
Molybdenum	97-1	408	558	525	497	15.84	cps
Molybdenum	98-1	1509	1784	1500	1597	10.09	cps
Neodymium	150-1	160	153	187	167	10.58	cps
Neodymium	150-2	10	20	40	23	65.47	cps
Nickel	60-2	177	167	147	163	9.35	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3351	3284	3342	3326	1.09	cps
Rhodium	103-1	7878537	7966660	8016563	7953920	0.88	cps
Rhodium	103-2	2261146	2247612	2079592	2196117	4.61	cps
Scandium	45-1	4463857	4432015	4572928	4489600	1.65	cps
Scandium	45-2	34068	33413	31486	32989	4.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-30	-4	-21	-18	-73.58	cps
Silicon	28-1	14998661	15052773	15022147	15024527	0.18	cps
Silver	109-1	1609	1275	1475	1453	11.55	cps
Silver	107-1	1525	1584	1500	1536	2.78	cps
Sodium	23-2	265355	264629	265141	265042	0.14	cps
Strontium	86-1	113200	115679	115813	114897	1.28	cps
Strontium	88-1	1000501	1007766	1003925	1004064	0.36	cps
Sulfur	34-1	313092	308101	309778	310324	0.82	cps
Terbium	159-1	11920492	12147685	12391491	12153223	1.94	cps
Terbium	159-2	2444413	2444364	2260513	2383097	4.45	cps
Thallium	203-1	358	325	392	358	9.30	cps
Thallium	205-1	850	808	892	850	4.90	cps
Tin	118-1	16402	16386	16419	16402	0.10	cps
Titanium	47-1	608	617	508	578	10.43	cps
Uranium	238-1	600	683	608	631	7.28	cps
Vanadium	51-2	73	73	60	69	11.17	cps
Yttrium	89-1	8492007	8523552	8608300	8541286	0.70	cps
Yttrium	89-2	255179	256143	236126	249149	4.53	cps
Zinc	66-2	710	667	707	694	3.47	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-03	Instrumnet Name :	P8
Client Sample ID :	LF1-0033	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:14:15	DataFile Name :	035SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1684	1800	1492	1659	9.39	cps
Zirconium	91-1	217	358	342	306	25.34	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04	Instrumnet Name :	P8
Client Sample ID :	LF1-0037	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:17:34	DataFile Name :	036SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8436	9120	8586	8714	4.12	cps
Antimony	121-1	10530	10655	10997	10727	2.25	cps
Arsenic	75-2	215	231	270	239	11.93	cps
Barium	135-1	19674	19716	19056	19482	1.89	cps
Barium	137-1	35540	35617	35901	35686	0.53	cps
Beryllium	9-1	194	211	217	207	5.58	cps
Bismuth	209-1	7677965	7959388	8170223	7935859	3.11	cps
Bismuth	209-2	2124213	2121643	2046670	2097509	2.10	cps
Boron	10-1	2425	2267	2800	2498	10.97	cps
Boron	11-1	11505	11747	11997	11750	2.09	cps
Cadmium	111-1	3297	3243	3156	3232	2.21	cps
Cadmium	106-1	1909	1642	1892	1814	8.24	cps
Cadmium	108-1	163	146	146	151	6.36	cps
Calcium	43-1	877350	878187	878690	878076	0.08	cps
Calcium	44-1	14379174	14456883	14350727	14395595	0.38	cps
Chromium	52-2	10251	10354	10491	10365	1.16	cps
Cobalt	59-2	5655	5755	5631	5680	1.15	cps
Copper	63-2	17211	17535	17224	17323	1.06	cps
Dysprosium	156-1	6427	5893	6243	6188	4.38	cps
Dysprosium	156-2	1413	1150	1197	1253	11.21	cps
Erbium	164-1	5085	4918	4976	4993	1.69	cps
Erbium	164-2	980	1007	1000	996	1.39	cps
Gadolinium	160-1	5710	5743	5918	5790	1.93	cps
Gadolinium	160-2	1453	1523	1613	1530	5.24	cps
Holmium	165-1	11511778	11927177	12087617	11842191	2.51	cps
Holmium	165-2	2577392	2572219	2467029	2538880	2.45	cps
Indium	115-1	8329137	8605367	8716042	8550182	2.33	cps
Indium	115-2	350346	352836	333908	345697	2.98	cps
Iron	56-2	1422283	1406605	1418335	1415741	0.58	cps
Iron	57-2	36315	35713	35825	35951	0.89	cps
Krypton	83-1	267	300	277	281	6.09	cps
Lead	206-1	17501	16867	17390	17253	1.96	cps
Lead	207-1	14270	14331	14665	14422	1.47	cps
Lead	208-1	67082	67172	68452	67568	1.13	cps
Lithium	6-1	1959190	2021351	2045118	2008553	2.21	cps
Magnesium	24-2	302285	301860	300809	301651	0.25	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04	Instrumnet Name :	P8
Client Sample ID :	LF1-0037	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:17:34	DataFile Name :	036SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	355235	354914	351653	353934	0.56	cps
Molybdenum	94-1	6247	5176	5620	5681	9.47	cps
Molybdenum	95-1	3667	3817	3667	3717	2.33	cps
Molybdenum	96-1	4584	4543	4301	4476	3.42	cps
Molybdenum	97-1	2675	2334	2525	2511	6.82	cps
Molybdenum	98-1	7002	7261	6869	7044	2.83	cps
Neodymium	150-1	10665	10071	10131	10289	3.18	cps
Neodymium	150-2	1423	1320	1390	1378	3.83	cps
Nickel	60-2	5084	4761	5138	4994	4.08	cps
Phosphorus	31-2	50	58	67	58	14.29	cps
Potassium	39-2	20558	19489	20482	20176	2.95	cps
Rhodium	103-1	7642161	7874183	8022885	7846410	2.45	cps
Rhodium	103-2	2220304	2217511	2150026	2195947	1.81	cps
Scandium	45-1	4320014	4487131	4613354	4473500	3.29	cps
Scandium	45-2	34396	34536	33554	34162	1.56	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	12	-11	-12	-4	-372.50	cps
Silicon	28-1	25763260	25594070	25681297	25679542	0.33	cps
Silver	109-1	1292	1025	1275	1197	12.48	cps
Silver	107-1	1567	1225	1200	1331	15.40	cps
Sodium	23-2	297604	293195	298579	296459	0.97	cps
Strontium	86-1	535691	539224	542738	539218	0.65	cps
Strontium	88-1	4668690	4731130	4708257	4702692	0.67	cps
Sulfur	34-1	277211	275713	268692	273872	1.66	cps
Terbium	159-1	11724116	12208770	12342341	12091742	2.69	cps
Terbium	159-2	2471224	2464946	2360645	2432272	2.55	cps
Thallium	203-1	433	533	475	481	10.45	cps
Thallium	205-1	1167	1325	1092	1195	9.97	cps
Tin	118-1	16745	17721	16820	17095	3.18	cps
Titanium	47-1	74743	75479	73569	74597	1.29	cps
Uranium	238-1	61662	61201	62257	61706	0.86	cps
Vanadium	51-2	2050	1974	2110	2045	3.35	cps
Yttrium	89-1	8368596	8605009	8676269	8549958	1.88	cps
Yttrium	89-2	254089	254450	245517	251352	2.01	cps
Zinc	66-2	1970	2150	2120	2080	4.64	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04	Instrumnet Name :	P8
Client Sample ID :	LF1-0037	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:17:34	DataFile Name :	036SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8361	8445	7936	8247	3.31	cps
Zirconium	91-1	1892	2142	2042	2025	6.22	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-05	Instrumnet Name :	P8
Client Sample ID :	LF1-0035	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:20:53	DataFile Name :	037SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	117	100	16.66	cps
Antimony	121-1	7986	8637	8862	8495	5.35	cps
Arsenic	75-2	1024	1228	1100	1117	9.21	cps
Barium	135-1	176688	179571	177441	177900	0.84	cps
Barium	137-1	309183	314757	311668	311869	0.90	cps
Beryllium	9-1	94	100	117	104	11.15	cps
Bismuth	209-1	7910894	7896029	7958028	7921650	0.41	cps
Bismuth	209-2	2051467	2099160	2087027	2079218	1.19	cps
Boron	10-1	3876	3959	3551	3795	5.69	cps
Boron	11-1	17344	17962	18254	17854	2.60	cps
Cadmium	111-1	1263	1306	1339	1303	2.93	cps
Cadmium	106-1	1659	1684	1792	1711	4.14	cps
Cadmium	108-1	21	21	33	25	28.87	cps
Calcium	43-1	600707	600957	603971	601878	0.30	cps
Calcium	44-1	9819339	9805150	9885914	9836801	0.44	cps
Chromium	52-2	2404	2257	2230	2297	4.06	cps
Cobalt	59-2	510	530	487	509	4.26	cps
Copper	63-2	5171	5271	5058	5167	2.07	cps
Dysprosium	156-1	150	100	108	119	22.43	cps
Dysprosium	156-2	23	30	30	28	13.86	cps
Erbium	164-1	150	150	183	161	11.94	cps
Erbium	164-2	30	37	40	36	14.32	cps
Gadolinium	160-1	183	183	225	197	12.20	cps
Gadolinium	160-2	33	57	27	39	40.51	cps
Holmium	165-1	11995499	11952120	12115951	12021190	0.71	cps
Holmium	165-2	2548237	2572664	2574464	2565122	0.57	cps
Indium	115-1	8614427	8643124	8738196	8665249	0.75	cps
Indium	115-2	346544	350659	350140	349114	0.64	cps
Iron	56-2	3496222	3549245	3481931	3509133	1.01	cps
Iron	57-2	87993	86796	87747	87512	0.72	cps
Krypton	83-1	217	263	233	238	9.95	cps
Lead	206-1	956	1095	1156	1069	9.59	cps
Lead	207-1	939	895	811	882	7.36	cps
Lead	208-1	4100	4256	4117	4158	2.05	cps
Lithium	6-1	1993470	1988817	2002456	1994914	0.35	cps
Magnesium	24-2	509080	509910	508858	509282	0.11	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-05	Instrumnet Name :	P8
Client Sample ID :	LF1-0035	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:20:53	DataFile Name :	037SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26893	25871	26893	26552	2.22	cps
Molybdenum	94-1	7694	8336	7511	7847	5.52	cps
Molybdenum	95-1	2684	2625	2600	2637	1.62	cps
Molybdenum	96-1	3559	3767	3876	3734	4.31	cps
Molybdenum	97-1	1692	1742	1634	1689	3.21	cps
Molybdenum	98-1	4543	4226	4401	4390	3.61	cps
Neodymium	150-1	100	93	200	131	45.57	cps
Neodymium	150-2	7	20	17	14	48.02	cps
Nickel	60-2	1367	1360	1410	1379	1.97	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	41772	41537	41521	41610	0.34	cps
Rhodium	103-1	7919347	7756814	7934793	7870318	1.25	cps
Rhodium	103-2	2222463	2249347	2231850	2234553	0.61	cps
Scandium	45-1	4555931	4511082	4583091	4550035	0.80	cps
Scandium	45-2	34125	34205	34218	34183	0.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	39	-23	47	21	180.51	cps
Silicon	28-1	21640687	21512802	21644195	21599228	0.35	cps
Silver	109-1	883	933	867	895	3.88	cps
Silver	107-1	1092	975	1092	1053	6.40	cps
Sodium	23-2	3158484	3142625	3170985	3157365	0.45	cps
Strontium	86-1	683964	686122	687217	685768	0.24	cps
Strontium	88-1	5989601	5966513	5903960	5953358	0.74	cps
Sulfur	34-1	291729	292204	289159	291031	0.56	cps
Terbium	159-1	12301007	12171969	12279502	12250826	0.56	cps
Terbium	159-2	2384400	2449947	2454553	2429633	1.62	cps
Thallium	203-1	308	250	225	261	16.38	cps
Thallium	205-1	525	442	500	489	8.75	cps
Tin	118-1	13332	13591	13282	13402	1.24	cps
Titanium	47-1	1050	983	1150	1061	7.91	cps
Uranium	238-1	9612	10480	10154	10082	4.35	cps
Vanadium	51-2	60	100	67	76	28.36	cps
Yttrium	89-1	8550842	8609971	8648978	8603264	0.57	cps
Yttrium	89-2	251226	252196	254315	252579	0.63	cps
Zinc	66-2	697	707	703	702	0.72	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-05	Instrumnet Name :	P8
Client Sample ID :	LF1-0035	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:20:53	DataFile Name :	037SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17712	17278	17804	17598	1.60	cps
Zirconium	91-1	4284	3926	3817	4009	6.09	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-13	Instrumnet Name :	P8
Client Sample ID :	LF1-0036	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:24:55	DataFile Name :	038SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	33	42	34.65	cps
Antimony	121-1	7736	8061	8403	8067	4.13	cps
Arsenic	75-2	85	96	102	94	8.98	cps
Barium	135-1	17137	17437	17003	17192	1.29	cps
Barium	137-1	30269	30152	30486	30302	0.56	cps
Beryllium	9-1	61	67	100	76	27.70	cps
Bismuth	209-1	7726018	8095639	8238152	8019936	3.30	cps
Bismuth	209-2	2114191	2108688	2119649	2114176	0.26	cps
Boron	10-1	7110	7044	7285	7147	1.75	cps
Boron	11-1	33039	33315	33289	33214	0.46	cps
Cadmium	111-1	1181	1179	1186	1182	0.29	cps
Cadmium	106-1	1609	1634	1675	1639	2.06	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	45299	45040	45191	45177	0.29	cps
Calcium	44-1	759122	760348	755754	758408	0.31	cps
Chromium	52-2	780	810	647	746	11.66	cps
Cobalt	59-2	80	80	70	77	7.53	cps
Copper	63-2	4304	4464	4337	4369	1.93	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	7	10	27	14	74.18	cps
Gadolinium	160-1	100	58	50	69	38.57	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	11454526	12009689	12194871	11886362	3.24	cps
Holmium	165-2	2592305	2587805	2566580	2582230	0.53	cps
Indium	115-1	8283921	8735893	8838353	8619389	3.42	cps
Indium	115-2	355109	355208	348715	353011	1.05	cps
Iron	56-2	1231963	1231919	1223667	1229183	0.39	cps
Iron	57-2	31559	31163	31709	31477	0.90	cps
Krypton	83-1	260	233	207	233	11.43	cps
Lead	206-1	817	722	639	726	12.25	cps
Lead	207-1	744	628	650	674	9.19	cps
Lead	208-1	2861	2734	2745	2780	2.55	cps
Lithium	6-1	1902324	1965846	1974275	1947482	2.02	cps
Magnesium	24-2	35253	36983	35345	35860	2.71	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-13	Instrumnet Name :	P8
Client Sample ID :	LF1-0036	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:24:55	DataFile Name :	038SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4301	4551	4421	4424	2.83	cps
Molybdenum	94-1	4076	4268	4184	4176	2.30	cps
Molybdenum	95-1	3367	3217	3509	3364	4.34	cps
Molybdenum	96-1	4034	3992	4134	4054	1.80	cps
Molybdenum	97-1	2184	2317	2150	2217	3.98	cps
Molybdenum	98-1	5310	6177	5510	5665	8.01	cps
Neodymium	150-1	0	27	33	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	147	180	154	14.69	cps
Phosphorus	31-2	17	42	17	25	57.73	cps
Potassium	39-2	16836	17036	16669	16847	1.09	cps
Rhodium	103-1	7512533	8051617	8130359	7898170	4.26	cps
Rhodium	103-2	2252847	2287265	2222716	2254276	1.43	cps
Scandium	45-1	4367048	4511169	4606868	4495028	2.69	cps
Scandium	45-2	34493	34750	33954	34399	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-16	15	72	24	187.08	cps
Silicon	28-1	13455076	13320660	13376159	13383965	0.50	cps
Silver	109-1	708	825	883	806	11.06	cps
Silver	107-1	900	942	867	903	4.16	cps
Sodium	23-2	4557810	4542244	4605654	4568569	0.72	cps
Strontium	86-1	62753	63163	62795	62904	0.36	cps
Strontium	88-1	547924	544390	542040	544785	0.54	cps
Sulfur	34-1	354633	351321	348674	351543	0.85	cps
Terbium	159-1	11689381	12201870	12416512	12102588	3.09	cps
Terbium	159-2	2453871	2434970	2424611	2437817	0.61	cps
Thallium	203-1	158	200	158	172	13.97	cps
Thallium	205-1	292	408	475	392	23.69	cps
Tin	118-1	10897	11906	11839	11547	4.89	cps
Titanium	47-1	533	442	508	494	9.58	cps
Uranium	238-1	26112	26237	25151	25833	2.30	cps
Vanadium	51-2	80	80	70	77	7.53	cps
Yttrium	89-1	8203686	8632654	8642629	8492990	2.95	cps
Yttrium	89-2	253633	252621	251752	252668	0.37	cps
Zinc	66-2	727	680	690	699	3.52	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-13	Instrumnet Name :	P8
Client Sample ID :	LF1-0036	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:24:55	DataFile Name :	038SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6118	5843	5660	5874	3.93	cps
Zirconium	91-1	1358	1292	1400	1350	4.05	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-14	Instrumnet Name :	P8
Client Sample ID :	LF1-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:28:14	DataFile Name :	039SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	50	33	49.99	cps
Antimony	121-1	892	617	933	814	21.14	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	150	158	133	147	8.65	cps
Barium	137-1	250	192	292	244	20.55	cps
Beryllium	9-1	50	83	67	67	25.00	cps
Bismuth	209-1	9779993	9666386	9691618	9712666	0.61	cps
Bismuth	209-2	2779418	2458194	2581569	2606394	6.22	cps
Boron	10-1	592	667	608	622	6.33	cps
Boron	11-1	3301	2759	3009	3023	8.97	cps
Cadmium	111-1	1645	1581	1507	1578	4.36	cps
Cadmium	106-1	2200	2134	2034	2122	3.95	cps
Cadmium	108-1	29	13	29	24	40.76	cps
Calcium	43-1	758	742	808	770	4.51	cps
Calcium	44-1	22394	21459	21100	21651	3.09	cps
Chromium	52-2	510	570	530	537	5.69	cps
Cobalt	59-2	47	73	43	54	30.20	cps
Copper	63-2	1563	1307	1357	1409	9.66	cps
Dysprosium	156-1	50	0	25	25	100.00	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	14885414	14648408	14641572	14725131	0.94	cps
Holmium	165-2	3335407	2988140	3240663	3188070	5.63	cps
Indium	115-1	11313909	11121206	11022675	11152596	1.33	cps
Indium	115-2	490782	434169	467802	464251	6.13	cps
Iron	56-2	11832	12652	11395	11960	5.33	cps
Iron	57-2	383	317	339	346	9.80	cps
Krypton	83-1	293	277	263	278	5.41	cps
Lead	206-1	417	367	467	417	12.00	cps
Lead	207-1	356	444	483	428	15.31	cps
Lead	208-1	1550	1656	1856	1687	9.20	cps
Lithium	6-1	2205441	2190077	2200842	2198787	0.36	cps
Magnesium	24-2	283	325	300	303	6.93	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-14	Instrumnet Name :	P8
Client Sample ID :	LF1-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:28:14	DataFile Name :	039SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	163	150	149	10.09	cps
Molybdenum	94-1	342	475	367	394	17.97	cps
Molybdenum	95-1	250	217	208	225	9.80	cps
Molybdenum	96-1	375	408	317	367	12.66	cps
Molybdenum	97-1	133	175	142	150	14.70	cps
Molybdenum	98-1	375	392	342	369	6.89	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	153	160	153	156	2.47	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2159	2392	2217	2256	5.38	cps
Rhodium	103-1	10442854	10305139	10339562	10362518	0.69	cps
Rhodium	103-2	2995579	2678189	2883663	2852477	5.64	cps
Scandium	45-1	6126006	5998890	6022563	6049153	1.12	cps
Scandium	45-2	49059	44003	45544	46202	5.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	75	55	148	93	52.64	cps
Silicon	28-1	206043	210701	208172	208305	1.12	cps
Silver	109-1	467	283	367	372	24.66	cps
Silver	107-1	367	608	492	489	24.72	cps
Sodium	23-2	7252	7186	7594	7344	2.98	cps
Strontium	86-1	642	567	608	606	6.21	cps
Strontium	88-1	1992	2134	1867	1997	6.68	cps
Sulfur	34-1	274503	277687	274535	275575	0.66	cps
Terbium	159-1	15168868	15126306	15072165	15122446	0.32	cps
Terbium	159-2	3174005	2866279	3048785	3029690	5.11	cps
Thallium	203-1	117	100	142	119	17.56	cps
Thallium	205-1	508	317	300	375	30.87	cps
Tin	118-1	450	642	458	517	20.97	cps
Titanium	47-1	125	92	125	114	16.90	cps
Uranium	238-1	83	50	83	72	26.65	cps
Vanadium	51-2	10	17	20	16	32.73	cps
Yttrium	89-1	11206701	11027269	11030966	11088312	0.92	cps
Yttrium	89-2	350762	318239	339622	336208	4.92	cps
Zinc	66-2	747	770	750	756	1.67	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-14	Instrumnet Name :	P8
Client Sample ID :	LF1-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:28:14	DataFile Name :	039SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	783	775	833	797	3.96	cps
Zirconium	91-1	117	142	250	169	41.83	cps

LB Number : LB96709 Operator : Jaswal
 Lab Sample ID : J4010-01 Instrumnet Name : P8
 Client Sample ID : SS003RW114R-180713 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-17 16:31:34 DataFile Name : 040SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	217	192	203	6.27	cps
Antimony	121-1	6894	7452	8053	7466	7.76	cps
Arsenic	75-2	759	794	774	776	2.28	cps
Barium	135-1	34496	35482	34721	34900	1.48	cps
Barium	137-1	60782	62457	61762	61667	1.36	cps
Beryllium	9-1	67	78	78	74	8.66	cps
Bismuth	209-1	7970543	7776409	7878039	7874997	1.23	cps
Bismuth	209-2	2098468	2102470	1994418	2065119	2.97	cps
Boron	10-1	76303	76621	79663	77529	2.39	cps
Boron	11-1	359894	364425	371971	365430	1.67	cps
Cadmium	111-1	1904	1953	1717	1858	6.71	cps
Cadmium	106-1	1659	1709	1634	1667	2.29	cps
Cadmium	108-1	75	38	50	54	35.25	cps
Calcium	43-1	6353093	6196150	6294856	6281367	1.26	cps
Calcium	44-1	102984790	102593490	103150227	102909502	0.28	cps
Chromium	52-2	1633	1887	1817	1779	7.35	cps
Cobalt	59-2	29565	29521	29401	29496	0.29	cps
Copper	63-2	21710	21784	21564	21686	0.52	cps
Dysprosium	156-1	158	250	208	206	22.33	cps
Dysprosium	156-2	60	90	40	63	39.74	cps
Erbium	164-1	567	517	625	569	9.52	cps
Erbium	164-2	113	127	113	118	6.53	cps
Gadolinium	160-1	350	392	275	339	17.45	cps
Gadolinium	160-2	83	80	70	78	8.92	cps
Holmium	165-1	12173789	12063721	12299354	12178955	0.97	cps
Holmium	165-2	2643812	2667316	2539852	2616993	2.59	cps
Indium	115-1	8701230	8667559	8712456	8693748	0.27	cps
Indium	115-2	358490	356579	340095	351721	2.88	cps
Iron	56-2	413835	412412	407548	411265	0.80	cps
Iron	57-2	10432	10482	10337	10417	0.70	cps
Krypton	83-1	390	370	387	382	2.80	cps
Lead	206-1	100970	102393	103031	102131	1.03	cps
Lead	207-1	85688	84799	85258	85248	0.52	cps
Lead	208-1	398348	399057	400417	399274	0.26	cps
Lithium	6-1	1860398	1888240	1895581	1881406	0.99	cps
Magnesium	24-2	556318	557367	543745	552477	1.37	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J4010-01	Instrumnet Name :	P8
Client Sample ID :	SS003RW114R-180713	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:31:34	DataFile Name :	040SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340564	338901	334395	337953	0.94	cps
Molybdenum	94-1	5085	4926	4843	4951	2.48	cps
Molybdenum	95-1	6010	6293	5852	6052	3.70	cps
Molybdenum	96-1	6619	7219	6852	6896	4.39	cps
Molybdenum	97-1	3951	3651	4326	3976	8.51	cps
Molybdenum	98-1	10229	9712	10171	10038	2.82	cps
Neodymium	150-1	253	240	227	240	5.56	cps
Neodymium	150-2	27	30	23	27	12.51	cps
Nickel	60-2	78728	78604	77304	78212	1.01	cps
Phosphorus	31-2	17	42	8	22	78.07	cps
Potassium	39-2	74824	74187	75000	74671	0.57	cps
Rhodium	103-1	7791943	7660967	7909473	7787461	1.60	cps
Rhodium	103-2	2211088	2207607	2121549	2180081	2.33	cps
Scandium	45-1	4643705	4590886	4634868	4623153	0.61	cps
Scandium	45-2	34626	34736	33350	34237	2.25	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	73	63	86	74	15.46	cps
Silicon	28-1	30069655	29773652	29737403	29860236	0.61	cps
Silver	109-1	1100	800	967	956	15.73	cps
Silver	107-1	1033	1108	1058	1067	3.58	cps
Sodium	23-2	24833572	24856968	24385092	24691877	1.08	cps
Strontium	86-1	1616471	1625576	1624286	1622111	0.30	cps
Strontium	88-1	13923177	13784413	13975269	13894286	0.71	cps
Sulfur	34-1	10407755	10321752	10426128	10385212	0.54	cps
Terbium	159-1	12441891	12332270	12471569	12415244	0.59	cps
Terbium	159-2	2530460	2533834	2386778	2483691	3.38	cps
Thallium	203-1	1267	1117	1242	1208	6.65	cps
Thallium	205-1	2967	2884	2942	2931	1.46	cps
Tin	118-1	12498	12406	13199	12701	3.41	cps
Titanium	47-1	1534	2429	1442	1802	30.25	cps
Uranium	238-1	65674	66570	67726	66657	1.54	cps
Vanadium	51-2	3364	3284	3360	3336	1.36	cps
Yttrium	89-1	8842273	8640958	8827306	8770179	1.28	cps
Yttrium	89-2	263122	264212	249631	258988	3.14	cps
Zinc	66-2	1527	1343	1443	1438	6.38	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J4010-01	Instrumnet Name :	P8
Client Sample ID :	SS003RW114R-180713	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:31:34	DataFile Name :	040SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4876	3867	4209	4318	11.88	cps
Zirconium	91-1	1000	967	925	964	3.90	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:42:40	DataFile Name :	041CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267779	263454	265932	265722	0.82	cps
Antimony	121-1	3446684	3476443	3451918	3458349	0.46	cps
Arsenic	75-2	38394	38106	37876	38125	0.68	cps
Barium	135-1	3770089	3818563	3822787	3803813	0.77	cps
Barium	137-1	6622890	6617624	6623120	6621211	0.05	cps
Beryllium	9-1	476189	479383	476446	477339	0.37	cps
Bismuth	209-1	7870225	8036324	7918064	7941537	1.08	cps
Bismuth	209-2	2345698	2343579	2340896	2343391	0.10	cps
Boron	10-1	52254	55525	56135	54638	3.82	cps
Boron	11-1	249765	262677	263738	258727	3.01	cps
Cadmium	111-1	724829	727091	725567	725829	0.16	cps
Cadmium	106-1	76752	78269	77800	77607	1.00	cps
Cadmium	108-1	52305	53196	52285	52595	0.99	cps
Calcium	43-1	3892853	3902288	3880557	3891900	0.28	cps
Calcium	44-1	63228151	63816908	63554862	63533307	0.46	cps
Chromium	52-2	356757	358634	353811	356400	0.68	cps
Cobalt	59-2	740232	741259	742509	741333	0.15	cps
Copper	63-2	1237734	1237797	1233718	1236417	0.19	cps
Dysprosium	156-1	100	83	83	89	10.82	cps
Dysprosium	156-2	0	7	17	8	107.84	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	42	142	108	97	52.37	cps
Gadolinium	160-2	17	7	23	16	53.90	cps
Holmium	165-1	12651823	12807163	12769516	12742834	0.64	cps
Holmium	165-2	3023640	3013512	3041880	3026344	0.48	cps
Indium	115-1	9362132	9525233	9449117	9445494	0.86	cps
Indium	115-2	436888	438707	434054	436550	0.54	cps
Iron	56-2	57599390	57633811	57815512	57682905	0.20	cps
Iron	57-2	1469971	1473181	1474109	1472420	0.15	cps
Krypton	83-1	247	253	273	258	5.38	cps
Lead	206-1	2423389	2493014	2465200	2460535	1.42	cps
Lead	207-1	2260954	2272135	2268935	2267341	0.25	cps
Lead	208-1	10016137	10125808	10127609	10089851	0.63	cps
Lithium	6-1	1895043	1907952	1902948	1901981	0.34	cps
Magnesium	24-2	6368641	6325504	6354346	6349497	0.35	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:42:40	DataFile Name :	041CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	195325	194598	196028	195317	0.37	cps
Molybdenum	94-1	6020355	6098453	6043032	6053947	0.66	cps
Molybdenum	95-1	7508912	7493003	7503039	7501651	0.11	cps
Molybdenum	96-1	8320229	8338814	8295943	8318329	0.26	cps
Molybdenum	97-1	4720380	4752591	4762502	4745158	0.46	cps
Molybdenum	98-1	12125928	12157096	12071398	12118141	0.36	cps
Neodymium	150-1	120	133	140	131	7.77	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	218245	216993	217163	217467	0.31	cps
Phosphorus	31-2	3401	2892	3150	3148	8.08	cps
Potassium	39-2	1655708	1654212	1655669	1655196	0.05	cps
Rhodium	103-1	8602180	8698550	8663549	8654760	0.56	cps
Rhodium	103-2	2579342	2563586	2589723	2577550	0.51	cps
Scandium	45-1	5457475	5511602	5529665	5499581	0.68	cps
Scandium	45-2	47386	46714	46145	46749	1.33	cps
Selenium	77-2	320	293	253	289	11.62	cps
Selenium	78-2	917	876	907	900	2.37	cps
Selenium	82-1	43627	44207	44044	43959	0.68	cps
Silicon	28-1	1748711	1779919	1768512	1765714	0.89	cps
Silver	109-1	3511989	3537220	3534683	3527964	0.39	cps
Silver	107-1	3639526	3672041	3678657	3663408	0.57	cps
Sodium	23-2	14294577	14286840	14314915	14298778	0.10	cps
Strontium	86-1	930220	934265	931671	932052	0.22	cps
Strontium	88-1	8057640	8134965	8016653	8069753	0.74	cps
Sulfur	34-1	521310	523312	524348	522990	0.30	cps
Terbium	159-1	12976889	13112515	13122552	13070652	0.62	cps
Terbium	159-2	2854834	2872299	2904103	2877079	0.87	cps
Thallium	203-1	3021313	3048447	3045012	3038257	0.49	cps
Thallium	205-1	7059304	7071101	7034545	7054983	0.26	cps
Tin	118-1	2472501	2462313	2483330	2472715	0.43	cps
Titanium	47-1	1972401	2000822	2004405	1992543	0.88	cps
Uranium	238-1	9978258	10072322	10019161	10023247	0.47	cps
Vanadium	51-2	258168	257162	258169	257833	0.23	cps
Yttrium	89-1	9824382	9958397	9868828	9883869	0.69	cps
Yttrium	89-2	330056	333192	330186	331145	0.54	cps
Zinc	66-2	105739	106045	106152	105979	0.20	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:42:40	DataFile Name :	041CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5042775	5100340	5036046	5059720	0.70	cps
Zirconium	91-1	1123237	1132483	1121304	1125675	0.53	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:49:34	DataFile Name :	042CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	8	8	100.02	cps
Antimony	121-1	2092	2275	2200	2189	4.21	cps
Arsenic	75-2	9	6	2	6	66.68	cps
Barium	135-1	108	58	117	94	33.40	cps
Barium	137-1	58	58	58	58	0.00	cps
Beryllium	9-1	133	167	111	137	20.40	cps
Bismuth	209-1	8988178	9137837	9039464	9055159	0.84	cps
Bismuth	209-2	2630520	2630711	2628841	2630024	0.04	cps
Boron	10-1	1117	975	892	995	11.44	cps
Boron	11-1	4493	4768	4468	4576	3.64	cps
Cadmium	111-1	1635	1475	1461	1524	6.36	cps
Cadmium	106-1	2309	2092	2050	2150	6.45	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	417	542	533	497	14.06	cps
Calcium	44-1	15818	15401	14892	15370	3.02	cps
Chromium	52-2	487	447	473	469	4.34	cps
Cobalt	59-2	30	20	20	23	24.74	cps
Copper	63-2	643	607	553	601	7.53	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	25	75	50	50.00	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	92	33	83	69	45.44	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	13782420	13715404	13618544	13705456	0.60	cps
Holmium	165-2	3233463	3187493	3189817	3203591	0.81	cps
Indium	115-1	10676373	10633497	10465198	10591689	1.05	cps
Indium	115-2	481994	482328	480775	481699	0.17	cps
Iron	56-2	1750	1650	1639	1680	3.64	cps
Iron	57-2	50	78	56	61	24.05	cps
Krypton	83-1	273	270	310	284	7.80	cps
Lead	206-1	378	428	406	404	6.21	cps
Lead	207-1	317	378	306	333	11.67	cps
Lead	208-1	1733	1622	1572	1643	5.02	cps
Lithium	6-1	2161378	2164405	2137485	2154423	0.68	cps
Magnesium	24-2	267	300	275	281	6.18	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:49:34	DataFile Name :	042CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	40	47	44	8.66	cps
Molybdenum	94-1	1025	1183	967	1058	10.59	cps
Molybdenum	95-1	1100	1042	1017	1053	4.06	cps
Molybdenum	96-1	1367	1233	967	1189	17.13	cps
Molybdenum	97-1	700	750	725	725	3.45	cps
Molybdenum	98-1	1567	1700	1550	1606	5.12	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	120	83	96	22.15	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1867	2150	2017	2011	7.05	cps
Rhodium	103-1	9991027	9821294	9836752	9883024	0.95	cps
Rhodium	103-2	2913051	2925263	2917656	2918657	0.21	cps
Scandium	45-1	6007336	5936455	5928755	5957515	0.73	cps
Scandium	45-2	49477	49895	49370	49581	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	23	11	-22	4	584.51	cps
Silicon	28-1	215018	215794	214098	214970	0.39	cps
Silver	109-1	250	358	258	289	20.87	cps
Silver	107-1	442	367	342	383	13.58	cps
Sodium	23-2	5901	5643	5893	5813	2.53	cps
Strontium	86-1	367	383	417	389	6.55	cps
Strontium	88-1	217	250	317	261	19.50	cps
Sulfur	34-1	297340	295715	294346	295800	0.51	cps
Terbium	159-1	14155681	14054624	13989049	14066451	0.60	cps
Terbium	159-2	3052025	3052137	2997094	3033752	1.05	cps
Thallium	203-1	267	367	308	314	16.00	cps
Thallium	205-1	850	917	758	842	9.45	cps
Tin	118-1	1008	1025	942	992	4.45	cps
Titanium	47-1	83	117	100	100	16.66	cps
Uranium	238-1	158	67	83	103	47.51	cps
Vanadium	51-2	17	0	7	8	107.84	cps
Yttrium	89-1	10755747	10751170	10677004	10727974	0.41	cps
Yttrium	89-2	353594	353837	349609	352347	0.67	cps
Zinc	66-2	153	130	153	146	9.26	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:49:34	DataFile Name :	042CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1167	1275	1267	1236	4.88	cps
Zirconium	91-1	325	267	258	283	12.82	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06	Instrumnet Name :	P8
Client Sample ID :	LF1-0030	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:52:54	DataFile Name :	043SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	1033	825	892	13.77	cps
Antimony	121-1	9245	7986	8003	8411	8.59	cps
Arsenic	75-2	14773	14884	14547	14734	1.17	cps
Barium	135-1	69089	69349	70505	69648	1.08	cps
Barium	137-1	121218	121555	122950	121908	0.75	cps
Beryllium	9-1	172	100	117	130	29.17	cps
Bismuth	209-1	8323557	8298767	8453818	8358714	1.00	cps
Bismuth	209-2	2200710	2200120	2176796	2192542	0.62	cps
Boron	10-1	3717	3559	3759	3678	2.87	cps
Boron	11-1	16877	16343	16802	16674	1.73	cps
Cadmium	111-1	1324	1373	1480	1392	5.74	cps
Cadmium	106-1	1734	1742	1892	1789	4.98	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	458204	457660	453543	456469	0.56	cps
Calcium	44-1	7406669	7445436	7420656	7424254	0.26	cps
Chromium	52-2	2344	2517	2450	2437	3.59	cps
Cobalt	59-2	5021	4931	4961	4971	0.92	cps
Copper	63-2	5384	5364	5371	5373	0.19	cps
Dysprosium	156-1	1767	1692	1800	1753	3.17	cps
Dysprosium	156-2	317	393	430	380	15.22	cps
Erbium	164-1	1725	1725	1834	1761	3.55	cps
Erbium	164-2	317	390	297	334	14.69	cps
Gadolinium	160-1	1717	1725	1800	1747	2.63	cps
Gadolinium	160-2	410	427	390	409	4.49	cps
Holmium	165-1	12255885	12294736	12642263	12397628	1.72	cps
Holmium	165-2	2651149	2653405	2646558	2650371	0.13	cps
Indium	115-1	8878265	8916265	9099093	8964541	1.32	cps
Indium	115-2	358372	359738	356413	358175	0.47	cps
Iron	56-2	74043593	73591132	73787979	73807568	0.31	cps
Iron	57-2	1894763	1914338	1921085	1910062	0.72	cps
Krypton	83-1	200	297	237	244	19.96	cps
Lead	206-1	2011	1950	1834	1932	4.68	cps
Lead	207-1	1634	1656	1606	1632	1.54	cps
Lead	208-1	8001	7512	6929	7481	7.18	cps
Lithium	6-1	1943586	2000014	2034838	1992812	2.31	cps
Magnesium	24-2	237925	232639	236502	235689	1.16	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06	Instrumnet Name :	P8
Client Sample ID :	LF1-0030	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:52:54	DataFile Name :	043SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	513815	511592	513798	513068	0.25	cps
Molybdenum	94-1	6369	6052	5035	5818	11.98	cps
Molybdenum	95-1	2059	2034	1942	2011	3.06	cps
Molybdenum	96-1	4184	4368	3684	4079	8.67	cps
Molybdenum	97-1	1400	1342	1542	1428	7.20	cps
Molybdenum	98-1	3817	3676	3459	3651	4.94	cps
Neodymium	150-1	2400	2434	2287	2374	3.24	cps
Neodymium	150-2	333	343	293	323	8.18	cps
Nickel	60-2	773	857	847	826	5.51	cps
Phosphorus	31-2	75	67	67	69	6.93	cps
Potassium	39-2	67697	67345	67496	67512	0.26	cps
Rhodium	103-1	8169030	8223724	8340366	8244373	1.06	cps
Rhodium	103-2	2306879	2312454	2266763	2295366	1.09	cps
Scandium	45-1	4717395	4644025	4706096	4689172	0.84	cps
Scandium	45-2	35435	34793	34960	35063	0.95	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	185	85	109	126	41.46	cps
Silicon	28-1	19302204	19206748	18919830	19142927	1.04	cps
Silver	109-1	2300	2000	1759	2020	13.44	cps
Silver	107-1	2534	1959	1600	2031	23.19	cps
Sodium	23-2	320841	320851	320649	320780	0.04	cps
Strontium	86-1	458133	465273	464648	462684	0.85	cps
Strontium	88-1	4032610	3998417	4043408	4024812	0.58	cps
Sulfur	34-1	275298	272476	270712	272829	0.85	cps
Terbium	159-1	12536417	12607205	12661524	12601716	0.50	cps
Terbium	159-2	2518319	2491011	2505416	2504915	0.55	cps
Thallium	203-1	942	842	750	845	11.35	cps
Thallium	205-1	2467	1700	1550	1906	25.80	cps
Tin	118-1	12481	13015	12990	12829	2.35	cps
Titanium	47-1	4443	32375	4276	13698	118.08	cps
Uranium	238-1	2475	2609	2751	2612	5.27	cps
Vanadium	51-2	1453	1257	1443	1385	8.00	cps
Yttrium	89-1	8857949	8934191	8997938	8930026	0.78	cps
Yttrium	89-2	258519	260634	257835	258996	0.56	cps
Zinc	66-2	790	1023	983	932	13.39	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06	Instrumnet Name :	P8
Client Sample ID :	LF1-0030	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:52:54	DataFile Name :	043SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14517	12214	11238	12657	13.30	cps
Zirconium	91-1	3509	3017	3034	3187	8.76	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07	Instrumnet Name :	P8
Client Sample ID :	LF1-0031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:56:11	DataFile Name :	044SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	850	967	947	9.41	cps
Antimony	121-1	5435	5668	5468	5524	2.29	cps
Arsenic	75-2	14005	14170	14139	14105	0.62	cps
Barium	135-1	66903	65144	66467	66171	1.38	cps
Barium	137-1	118015	117729	118276	118007	0.23	cps
Beryllium	9-1	144	150	133	143	5.95	cps
Bismuth	209-1	8450037	8340163	8302608	8364270	0.92	cps
Bismuth	209-2	2169952	2158177	2192256	2173462	0.80	cps
Boron	10-1	2959	3159	3451	3189	7.75	cps
Boron	11-1	15684	15592	15442	15573	0.78	cps
Cadmium	111-1	1407	1388	1284	1360	4.88	cps
Cadmium	106-1	1800	1875	1709	1795	4.65	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	427685	430723	431193	429867	0.44	cps
Calcium	44-1	6967394	6990441	7100465	7019433	1.01	cps
Chromium	52-2	1997	1987	2010	1998	0.59	cps
Cobalt	59-2	5181	4851	4644	4892	5.53	cps
Copper	63-2	4698	4731	4414	4614	3.77	cps
Dysprosium	156-1	1734	1625	1483	1614	7.77	cps
Dysprosium	156-2	397	373	327	366	9.75	cps
Erbium	164-1	1534	1634	1775	1647	7.37	cps
Erbium	164-2	393	347	320	353	10.51	cps
Gadolinium	160-1	1609	1700	1767	1692	4.70	cps
Gadolinium	160-2	387	467	493	449	12.37	cps
Holmium	165-1	12470357	12596541	12453780	12506893	0.62	cps
Holmium	165-2	2618825	2643006	2662223	2641351	0.82	cps
Indium	115-1	9068374	8976000	9093112	9045829	0.68	cps
Indium	115-2	356244	354171	361744	357386	1.10	cps
Iron	56-2	69947977	69891971	70183399	70007782	0.22	cps
Iron	57-2	1802761	1783342	1805395	1797166	0.67	cps
Krypton	83-1	217	207	210	211	2.41	cps
Lead	206-1	1545	1695	1578	1606	4.91	cps
Lead	207-1	1367	1339	1322	1343	1.67	cps
Lead	208-1	6001	6790	6079	6290	6.91	cps
Lithium	6-1	1997657	1987662	1985040	1990120	0.33	cps
Magnesium	24-2	224792	223362	222505	223553	0.52	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07	Instrumnet Name :	P8
Client Sample ID :	LF1-0031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:56:11	DataFile Name :	044SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	485050	479480	481714	482081	0.58	cps
Molybdenum	94-1	3617	3517	3592	3576	1.46	cps
Molybdenum	95-1	1784	1742	1834	1786	2.57	cps
Molybdenum	96-1	3401	3392	3559	3451	2.72	cps
Molybdenum	97-1	1142	1158	1033	1111	6.11	cps
Molybdenum	98-1	3067	3284	2925	3092	5.84	cps
Neodymium	150-1	2300	2194	2234	2243	2.40	cps
Neodymium	150-2	297	253	273	274	7.90	cps
Nickel	60-2	880	840	707	809	11.22	cps
Phosphorus	31-2	67	83	75	75	11.11	cps
Potassium	39-2	63210	64255	63427	63631	0.87	cps
Rhodium	103-1	8290838	8171896	8310692	8257809	0.91	cps
Rhodium	103-2	2320748	2288772	2324003	2311174	0.84	cps
Scandium	45-1	4648933	4655385	4701717	4668678	0.62	cps
Scandium	45-2	34416	34252	34970	34546	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	135	162	143	147	9.56	cps
Silicon	28-1	17951459	18032350	17955607	17979805	0.25	cps
Silver	109-1	742	658	783	728	8.75	cps
Silver	107-1	783	942	808	845	10.08	cps
Sodium	23-2	307839	303571	306003	305804	0.70	cps
Strontium	86-1	432653	435386	437250	435097	0.53	cps
Strontium	88-1	3795844	3859663	3801125	3818877	0.93	cps
Sulfur	34-1	270050	266982	264694	267242	1.01	cps
Terbium	159-1	12894020	12787804	12755548	12812457	0.57	cps
Terbium	159-2	2530104	2485157	2508476	2507912	0.90	cps
Thallium	203-1	208	300	242	250	18.56	cps
Thallium	205-1	617	600	633	617	2.70	cps
Tin	118-1	10938	11489	12306	11578	5.94	cps
Titanium	47-1	4384	5160	4618	4720	8.43	cps
Uranium	238-1	2784	2359	2317	2487	10.39	cps
Vanadium	51-2	1273	1450	1123	1282	12.75	cps
Yttrium	89-1	8936267	9006596	9038444	8993769	0.58	cps
Yttrium	89-2	259687	257566	259793	259015	0.48	cps
Zinc	66-2	1063	1080	1083	1076	1.00	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07	Instrumnet Name :	P8
Client Sample ID :	LF1-0031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:56:11	DataFile Name :	044SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7795	7311	6585	7230	8.42	cps
Zirconium	91-1	1942	1917	2059	1972	3.83	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09	Instrumnet Name :	P8
Client Sample ID :	LF1-0034	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:59:28	DataFile Name :	045SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	17	67	53	59.77	cps
Antimony	121-1	6160	6977	6802	6646	6.47	cps
Arsenic	75-2	35	19	20	25	37.00	cps
Barium	135-1	15109	15376	15852	15446	2.44	cps
Barium	137-1	28265	27454	28048	27922	1.50	cps
Beryllium	9-1	56	78	94	76	25.70	cps
Bismuth	209-1	8406612	8086369	8205369	8232783	1.97	cps
Bismuth	209-2	2151315	2158817	2157572	2155901	0.19	cps
Boron	10-1	1992	1917	1759	1889	6.31	cps
Boron	11-1	8745	8653	9103	8834	2.69	cps
Cadmium	111-1	1225	1195	1276	1232	3.30	cps
Cadmium	106-1	1709	1692	1775	1725	2.56	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	151105	153799	151468	152124	0.96	cps
Calcium	44-1	2522878	2538362	2547841	2536360	0.50	cps
Chromium	52-2	703	643	720	689	5.85	cps
Cobalt	59-2	50	33	53	46	23.52	cps
Copper	63-2	4444	4534	4274	4417	2.99	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	83	75	17	58	62.27	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	12328678	11986062	12061908	12125549	1.48	cps
Holmium	165-2	2604826	2579340	2556941	2580369	0.93	cps
Indium	115-1	8938102	8573789	8640872	8717588	2.22	cps
Indium	115-2	348691	348857	345754	347767	0.50	cps
Iron	56-2	11405	10971	11272	11216	1.98	cps
Iron	57-2	356	311	306	324	8.46	cps
Krypton	83-1	280	273	220	258	12.76	cps
Lead	206-1	617	728	689	678	8.32	cps
Lead	207-1	661	500	661	607	15.31	cps
Lead	208-1	2589	2511	2767	2622	5.00	cps
Lithium	6-1	1882320	1863371	1857066	1867586	0.70	cps
Magnesium	24-2	59241	59626	58597	59155	0.88	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09	Instrumnet Name :	P8
Client Sample ID :	LF1-0034	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:59:28	DataFile Name :	045SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230	220	170	207	15.56	cps
Molybdenum	94-1	642	825	683	717	13.41	cps
Molybdenum	95-1	517	467	492	492	5.08	cps
Molybdenum	96-1	742	833	642	739	12.97	cps
Molybdenum	97-1	292	250	317	286	11.77	cps
Molybdenum	98-1	1217	1117	1183	1172	4.34	cps
Neodymium	150-1	47	27	67	47	42.85	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	163	90	143	132	28.67	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	15059	14600	13866	14508	4.15	cps
Rhodium	103-1	8090673	7932665	7951781	7991706	1.08	cps
Rhodium	103-2	2296043	2288933	2265529	2283501	0.70	cps
Scandium	45-1	4531417	4496401	4414161	4480660	1.34	cps
Scandium	45-2	34589	33657	33691	33979	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-49	-39	42	-15	-323.03	cps
Silicon	28-1	14683520	14704370	14805218	14731036	0.44	cps
Silver	109-1	667	683	708	686	3.06	cps
Silver	107-1	650	617	592	619	4.72	cps
Sodium	23-2	163900	167331	163951	165060	1.19	cps
Strontium	86-1	96960	99957	99587	98834	1.65	cps
Strontium	88-1	846636	854383	862653	854557	0.94	cps
Sulfur	34-1	320699	319305	317134	319046	0.56	cps
Terbium	159-1	12511250	12144971	12237845	12298022	1.55	cps
Terbium	159-2	2434252	2440530	2428983	2434589	0.24	cps
Thallium	203-1	258	233	217	236	8.88	cps
Thallium	205-1	433	500	442	458	7.93	cps
Tin	118-1	10588	10788	11664	11013	5.20	cps
Titanium	47-1	758	608	650	672	11.52	cps
Uranium	238-1	158	217	183	186	15.73	cps
Vanadium	51-2	73	40	50	54	31.42	cps
Yttrium	89-1	8676968	8500544	8471157	8549556	1.30	cps
Yttrium	89-2	251234	249489	247261	249328	0.80	cps
Zinc	66-2	737	733	747	739	0.94	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09	Instrumnet Name :	P8
Client Sample ID :	LF1-0034	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 16:59:28	DataFile Name :	045SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1233	1408	1358	1333	6.76	cps
Zirconium	91-1	250	267	317	278	12.49	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09DUP	Instrumnet Name :	P8
Client Sample ID :	LF1-0034DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:02:47	DataFile Name :	046SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	33	44	43.31	cps
Antimony	121-1	7653	8044	8695	8131	6.48	cps
Arsenic	75-2	26	19	24	23	16.88	cps
Barium	135-1	16519	16486	16344	16450	0.57	cps
Barium	137-1	28657	27722	28022	28134	1.70	cps
Beryllium	9-1	89	78	61	76	18.42	cps
Bismuth	209-1	8254925	8364226	8344029	8321060	0.70	cps
Bismuth	209-2	2154259	2136320	2131317	2140632	0.56	cps
Boron	10-1	1684	1775	1917	1792	6.56	cps
Boron	11-1	7844	8103	8328	8092	2.99	cps
Cadmium	111-1	1140	1023	1178	1114	7.27	cps
Cadmium	106-1	1583	1442	1650	1558	6.83	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	153195	151315	155207	153239	1.27	cps
Calcium	44-1	2573846	2569776	2585505	2576376	0.32	cps
Chromium	52-2	637	647	613	632	2.71	cps
Cobalt	59-2	60	40	50	50	20.00	cps
Copper	63-2	4374	4568	4104	4349	5.35	cps
Dysprosium	156-1	8	67	33	36	81.06	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	100	92	58	83	26.45	cps
Erbium	164-2	23	23	10	19	40.75	cps
Gadolinium	160-1	50	67	150	89	60.28	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	12175557	12312439	12426100	12304699	1.02	cps
Holmium	165-2	2570909	2526363	2559106	2552126	0.90	cps
Indium	115-1	8755199	8941272	8810991	8835820	1.08	cps
Indium	115-2	347870	340698	343670	344079	1.05	cps
Iron	56-2	9815	9098	9492	9468	3.79	cps
Iron	57-2	278	239	283	267	9.08	cps
Krypton	83-1	247	317	293	286	12.48	cps
Lead	206-1	639	561	706	635	11.38	cps
Lead	207-1	439	461	572	491	14.56	cps
Lead	208-1	2200	2239	2584	2341	9.01	cps
Lithium	6-1	1817855	1841702	1852055	1837204	0.95	cps
Magnesium	24-2	60270	60822	60087	60393	0.63	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09DUP	Instrumnet Name :	P8
Client Sample ID :	LF1-0034DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:02:47	DataFile Name :	046SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	183	183	179	4.31	cps
Molybdenum	94-1	833	683	792	770	10.06	cps
Molybdenum	95-1	408	392	450	417	7.21	cps
Molybdenum	96-1	508	600	600	569	9.29	cps
Molybdenum	97-1	367	233	267	289	24.02	cps
Molybdenum	98-1	1275	983	1058	1106	13.70	cps
Neodymium	150-1	60	40	40	47	24.74	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	137	133	133	134	1.43	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	14867	14750	13624	14414	4.76	cps
Rhodium	103-1	8028447	8127311	8106216	8087324	0.64	cps
Rhodium	103-2	2262743	2246337	2226684	2245255	0.80	cps
Scandium	45-1	4431556	4581868	4525043	4512822	1.68	cps
Scandium	45-2	33273	32742	33470	33162	1.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-7	-87	-61	-52	-78.68	cps
Silicon	28-1	14912691	14964735	14921984	14933137	0.19	cps
Silver	109-1	650	592	642	628	5.03	cps
Silver	107-1	567	658	733	653	12.79	cps
Sodium	23-2	167844	170435	167845	168708	0.89	cps
Strontium	86-1	99452	101853	101601	100968	1.31	cps
Strontium	88-1	865344	876774	869977	870698	0.66	cps
Sulfur	34-1	310959	310908	308864	310244	0.39	cps
Terbium	159-1	12420521	12574971	12487356	12494283	0.62	cps
Terbium	159-2	2449465	2400318	2409596	2419793	1.08	cps
Thallium	203-1	108	158	192	153	27.45	cps
Thallium	205-1	425	483	358	422	14.81	cps
Tin	118-1	10204	10413	11314	10644	5.54	cps
Titanium	47-1	1135	467	600	734	48.17	cps
Uranium	238-1	158	167	192	172	10.07	cps
Vanadium	51-2	47	53	87	62	34.44	cps
Yttrium	89-1	8595662	8731266	8674751	8667226	0.79	cps
Yttrium	89-2	249966	242201	246383	246183	1.58	cps
Zinc	66-2	750	767	723	747	2.93	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09DUP	Instrumnet Name :	P8
Client Sample ID :	LF1-0034DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:02:47	DataFile Name :	046SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1350	1634	1442	1475	9.80	cps
Zirconium	91-1	317	292	242	283	13.48	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09LX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0034L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:06:06	DataFile Name :	047SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	1583	1483	1892	1653	12.88	cps
Arsenic	75-2	6	6	2	4	49.54	cps
Barium	135-1	3451	3467	3276	3398	3.12	cps
Barium	137-1	6052	5802	6035	5963	2.35	cps
Beryllium	9-1	72	83	28	61	48.10	cps
Bismuth	209-1	9320494	9346131	9255202	9307276	0.50	cps
Bismuth	209-2	2408490	2458398	2466135	2444341	1.28	cps
Boron	10-1	717	625	742	694	8.84	cps
Boron	11-1	3892	3459	3434	3595	7.17	cps
Cadmium	111-1	1301	1148	1211	1220	6.32	cps
Cadmium	106-1	1867	1592	1725	1728	7.96	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	35162	33240	33817	34073	2.89	cps
Calcium	44-1	573575	573445	567403	571474	0.62	cps
Chromium	52-2	440	457	487	461	5.13	cps
Cobalt	59-2	27	23	17	22	22.91	cps
Copper	63-2	1310	1277	1313	1300	1.56	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	3	27	7	12	103.26	cps
Gadolinium	160-1	75	50	108	78	37.63	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	13797386	13974573	13715021	13828993	0.96	cps
Holmium	165-2	2845455	2930469	2932235	2902720	1.71	cps
Indium	115-1	10159303	10109192	10058326	10108940	0.50	cps
Indium	115-2	400390	405613	410650	405551	1.26	cps
Iron	56-2	3306	3389	3339	3345	1.25	cps
Iron	57-2	133	89	106	109	20.55	cps
Krypton	83-1	263	263	270	266	1.45	cps
Lead	206-1	228	283	206	239	16.77	cps
Lead	207-1	200	256	194	217	15.60	cps
Lead	208-1	989	1117	867	991	12.62	cps
Lithium	6-1	1904819	1911045	1883528	1899797	0.76	cps
Magnesium	24-2	13440	13757	14199	13799	2.76	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09LX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0034L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:06:06	DataFile Name :	047SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	50	57	57	11.76	cps
Molybdenum	94-1	333	400	367	367	9.09	cps
Molybdenum	95-1	217	208	250	225	9.80	cps
Molybdenum	96-1	317	283	433	344	22.87	cps
Molybdenum	97-1	167	125	92	128	29.41	cps
Molybdenum	98-1	383	367	317	356	9.76	cps
Neodymium	150-1	53	7	20	27	90.14	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	47	103	77	37.15	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4618	4734	4643	4665	1.32	cps
Rhodium	103-1	9271791	9443160	9347335	9354095	0.92	cps
Rhodium	103-2	2554441	2604352	2600527	2586440	1.07	cps
Scandium	45-1	5235597	5298942	5228876	5254472	0.74	cps
Scandium	45-2	38383	39054	39342	38926	1.26	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	7	-21	-40	-18	-130.83	cps
Silicon	28-1	3531937	3521780	3450265	3501327	1.27	cps
Silver	109-1	342	292	242	292	17.14	cps
Silver	107-1	350	292	317	319	9.16	cps
Sodium	23-2	41428	41077	41679	41394	0.73	cps
Strontium	86-1	22052	22327	21610	21996	1.65	cps
Strontium	88-1	188605	186618	187691	187638	0.53	cps
Sulfur	34-1	271407	271135	271298	271280	0.05	cps
Terbium	159-1	14143276	14072879	13990177	14068777	0.54	cps
Terbium	159-2	2667608	2806887	2790766	2755087	2.77	cps
Thallium	203-1	158	125	108	131	19.50	cps
Thallium	205-1	333	258	292	294	12.76	cps
Tin	118-1	1350	1542	1692	1528	11.21	cps
Titanium	47-1	142	200	192	178	17.75	cps
Uranium	238-1	33	42	42	39	12.38	cps
Vanadium	51-2	17	23	23	21	18.21	cps
Yttrium	89-1	9934943	9988340	9927450	9950245	0.33	cps
Yttrium	89-2	286752	292004	293464	290740	1.21	cps
Zinc	66-2	263	253	243	253	3.95	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09LX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0034L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:06:06	DataFile Name :	047SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	667	825	667	719	12.71	cps
Zirconium	91-1	125	225	75	142	53.91	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-10	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:09:26	DataFile Name :	048SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35312	33490	33933	34245	2.77	cps
Antimony	121-1	3265127	3298820	3303795	3289247	0.64	cps
Arsenic	75-2	29320	29335	29506	29387	0.35	cps
Barium	135-1	3334533	3336732	3317046	3329437	0.32	cps
Barium	137-1	5815725	5790530	5754170	5786808	0.53	cps
Beryllium	9-1	394181	393151	388689	392007	0.74	cps
Bismuth	209-1	7202395	8039461	8131273	7791043	6.57	cps
Bismuth	209-2	2107315	2099709	2054965	2087330	1.36	cps
Boron	10-1	40942	41787	41962	41564	1.31	cps
Boron	11-1	180033	187029	194122	187062	3.77	cps
Cadmium	111-1	677327	676671	682293	678764	0.45	cps
Cadmium	106-1	72018	71071	72730	71940	1.16	cps
Cadmium	108-1	47621	47806	48558	47995	1.03	cps
Calcium	43-1	770859	770646	769525	770343	0.09	cps
Calcium	44-1	12665638	12501555	12461510	12542901	0.86	cps
Chromium	52-2	269903	270694	266129	268909	0.91	cps
Cobalt	59-2	599061	599238	596861	598387	0.22	cps
Copper	63-2	979534	982955	974841	979110	0.42	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	92	75	83	83	10.00	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	50	67	108	75	40.06	cps
Gadolinium	160-2	37	10	17	21	65.74	cps
Holmium	165-1	10785825	12232788	12247517	11755377	7.14	cps
Holmium	165-2	2556725	2565053	2535956	2552578	0.59	cps
Indium	115-1	7715947	8640628	8743262	8366612	6.76	cps
Indium	115-2	339616	337153	333863	336877	0.86	cps
Iron	56-2	8372836	8303147	8360531	8345505	0.45	cps
Iron	57-2	212364	212833	211244	212147	0.38	cps
Krypton	83-1	300	300	283	294	3.27	cps
Lead	206-1	2511542	2493272	2509390	2504735	0.40	cps
Lead	207-1	2232905	2230965	2226472	2230114	0.15	cps
Lead	208-1	10130870	10154305	10102395	10129190	0.26	cps
Lithium	6-1	1623796	1775206	1805351	1734784	5.61	cps
Magnesium	24-2	982753	985667	975897	981439	0.51	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-10	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:09:26	DataFile Name :	048SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	136792	134312	134287	135130	1.07	cps
Molybdenum	94-1	5158358	5143406	5153404	5151723	0.15	cps
Molybdenum	95-1	6212899	6161329	6256908	6210379	0.77	cps
Molybdenum	96-1	6910205	6905685	6967777	6927889	0.50	cps
Molybdenum	97-1	3945650	3917598	3942545	3935264	0.39	cps
Molybdenum	98-1	10079796	9989786	10039934	10036505	0.45	cps
Neodymium	150-1	160	247	167	191	25.24	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	178301	177269	176306	177292	0.56	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	227651	228931	227831	228138	0.30	cps
Rhodium	103-1	7017970	7956359	8115672	7696667	7.71	cps
Rhodium	103-2	2243995	2213321	2181147	2212821	1.42	cps
Scandium	45-1	3971609	4493843	4561082	4342178	7.43	cps
Scandium	45-2	33894	33597	33186	33559	1.06	cps
Selenium	77-2	180	233	153	189	21.56	cps
Selenium	78-2	694	730	624	683	7.87	cps
Selenium	82-1	39172	39392	39214	39259	0.30	cps
Silicon	28-1	15340116	15272861	15443533	15352170	0.56	cps
Silver	109-1	2551279	2574219	2568987	2564828	0.47	cps
Silver	107-1	2672284	2651623	2670291	2664733	0.43	cps
Sodium	23-2	2293400	2291771	2276496	2287222	0.41	cps
Strontium	86-1	906415	905240	914469	908708	0.55	cps
Strontium	88-1	7925751	7882037	7841653	7883147	0.53	cps
Sulfur	34-1	306628	312008	310256	309631	0.89	cps
Terbium	159-1	11020779	12431462	12592065	12014769	7.20	cps
Terbium	159-2	2433288	2409567	2389890	2410915	0.90	cps
Thallium	203-1	3096758	3104193	3104321	3101757	0.14	cps
Thallium	205-1	7264415	7250239	7306373	7273676	0.40	cps
Tin	118-1	2062123	2085505	2080965	2076198	0.60	cps
Titanium	47-1	1512611	1498629	1504505	1505249	0.47	cps
Uranium	238-1	10136974	10184608	10153089	10158223	0.24	cps
Vanadium	51-2	198255	195906	195243	196468	0.81	cps
Yttrium	89-1	7652236	8589890	8718254	8320127	6.99	cps
Yttrium	89-2	249496	247972	245107	247525	0.90	cps
Zinc	66-2	78450	78460	78179	78363	0.20	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-10	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:09:26	DataFile Name :	048SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4514822	4467934	4470027	4484261	0.59	cps
Zirconium	91-1	999469	995422	1000976	998622	0.29	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-11	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:12:38	DataFile Name :	049SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35337	34242	34543	34707	1.63	cps
Antimony	121-1	3260695	3276962	3282044	3273234	0.34	cps
Arsenic	75-2	29339	28847	28839	29008	0.99	cps
Barium	135-1	3399132	3366326	3379664	3381707	0.49	cps
Barium	137-1	5864201	5886282	5882042	5877508	0.20	cps
Beryllium	9-1	386335	388812	387355	387501	0.32	cps
Bismuth	209-1	7990334	8073843	8083088	8049088	0.63	cps
Bismuth	209-2	2074922	1882507	2064516	2007315	5.39	cps
Boron	10-1	41854	43542	44587	43328	3.18	cps
Boron	11-1	186405	194713	198775	193298	3.26	cps
Cadmium	111-1	669910	675032	681537	675493	0.86	cps
Cadmium	106-1	69496	71481	72445	71141	2.11	cps
Cadmium	108-1	48349	47885	48307	48181	0.53	cps
Calcium	43-1	770643	781499	785984	779375	1.01	cps
Calcium	44-1	12644482	12728930	12780564	12717992	0.54	cps
Chromium	52-2	268773	268647	267268	268229	0.31	cps
Cobalt	59-2	595957	596994	592665	595205	0.38	cps
Copper	63-2	1002945	1000739	998432	1000705	0.23	cps
Dysprosium	156-1	83	42	67	64	32.83	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	108	75	92	92	18.18	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	75	100	125	100	25.00	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	12214904	12178102	12377485	12256831	0.87	cps
Holmium	165-2	2547207	2282179	2551986	2460457	6.28	cps
Indium	115-1	8630027	8610713	8642994	8627911	0.19	cps
Indium	115-2	331619	302202	335314	323045	5.62	cps
Iron	56-2	8541504	8589247	8419332	8516694	1.03	cps
Iron	57-2	218830	217364	213226	216473	1.34	cps
Krypton	83-1	277	303	227	269	14.48	cps
Lead	206-1	2501719	2496880	2525538	2508046	0.61	cps
Lead	207-1	2203337	2235302	2256110	2231583	1.19	cps
Lead	208-1	10019623	10167194	10215353	10134057	1.01	cps
Lithium	6-1	1741457	1794659	1782593	1772903	1.57	cps
Magnesium	24-2	1015514	1006448	1006927	1009629	0.51	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-11	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:12:38	DataFile Name :	049SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138316	137199	136378	137298	0.71	cps
Molybdenum	94-1	5142681	5154576	5231720	5176326	0.93	cps
Molybdenum	95-1	6285371	6309306	6347210	6313963	0.49	cps
Molybdenum	96-1	6986241	7039636	7093494	7039790	0.76	cps
Molybdenum	97-1	4028069	3959204	4042678	4009984	1.11	cps
Molybdenum	98-1	10157086	10244477	10261336	10220966	0.55	cps
Neodymium	150-1	193	160	133	162	18.53	cps
Neodymium	150-2	7	10	23	13	66.12	cps
Nickel	60-2	176725	176479	175365	176190	0.41	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	232496	230499	229253	230749	0.71	cps
Rhodium	103-1	7876323	7865465	7911773	7884520	0.31	cps
Rhodium	103-2	2155975	2002667	2190304	2116315	4.72	cps
Scandium	45-1	4498170	4482336	4556131	4512212	0.86	cps
Scandium	45-2	32892	30056	33467	32138	5.68	cps
Selenium	77-2	160	233	193	196	18.78	cps
Selenium	78-2	706	582	667	651	9.74	cps
Selenium	82-1	38509	38370	38897	38592	0.71	cps
Silicon	28-1	15881568	15927349	15908852	15905923	0.14	cps
Silver	109-1	2528831	2536049	2553526	2539469	0.50	cps
Silver	107-1	2642277	2665513	2657905	2655232	0.45	cps
Sodium	23-2	2319530	2348665	2302873	2323690	1.00	cps
Strontium	86-1	898612	908306	905426	904115	0.55	cps
Strontium	88-1	7807848	7855649	7892947	7852148	0.54	cps
Sulfur	34-1	311328	309018	310040	310129	0.37	cps
Terbium	159-1	12406129	12394952	12458874	12419985	0.27	cps
Terbium	159-2	2375387	2182877	2414143	2324136	5.33	cps
Thallium	203-1	3104450	3066329	3117150	3095977	0.85	cps
Thallium	205-1	7255034	7188982	7220975	7221664	0.46	cps
Tin	118-1	2111618	2112872	2127938	2117476	0.43	cps
Titanium	47-1	1536059	1533514	1555220	1541598	0.77	cps
Uranium	238-1	10096791	10272802	10146931	10172175	0.89	cps
Vanadium	51-2	196068	195623	194242	195311	0.49	cps
Yttrium	89-1	8553455	8578680	8588878	8573671	0.21	cps
Yttrium	89-2	244996	221494	244348	236946	5.65	cps
Zinc	66-2	79778	78970	79070	79273	0.56	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-11	Instrumnet Name :	P8
Client Sample ID :	LF1-0034MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:12:38	DataFile Name :	049SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4443945	4420447	4466972	4443788	0.52	cps
Zirconium	91-1	985323	989878	992668	989290	0.37	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09A	Instrumnet Name :	P8
Client Sample ID :	LF1-0034A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:15:49	DataFile Name :	050SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34911	33315	35412	34546	3.17	cps
Antimony	121-1	3269495	3313982	3267902	3283793	0.80	cps
Arsenic	75-2	29634	29301	29274	29403	0.68	cps
Barium	135-1	3354371	3400493	3379130	3377998	0.68	cps
Barium	137-1	5854040	5923570	5853898	5877170	0.68	cps
Beryllium	9-1	388455	392225	387948	389543	0.60	cps
Bismuth	209-1	7950906	7900216	8052966	7968029	0.98	cps
Bismuth	209-2	2060583	2100880	2061532	2074332	1.11	cps
Boron	10-1	40901	43032	44520	42818	4.25	cps
Boron	11-1	190144	195224	196426	193932	1.72	cps
Cadmium	111-1	677483	684057	681731	681090	0.49	cps
Cadmium	106-1	70426	73685	71884	71999	2.27	cps
Cadmium	108-1	47634	49064	46961	47886	2.24	cps
Calcium	43-1	772283	782001	772333	775539	0.72	cps
Calcium	44-1	12550064	12704807	12667861	12640910	0.64	cps
Chromium	52-2	270191	268140	269065	269132	0.38	cps
Cobalt	59-2	601353	597015	599060	599143	0.36	cps
Copper	63-2	1001856	993097	993868	996274	0.49	cps
Dysprosium	156-1	75	33	83	64	41.94	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	133	108	117	119	10.66	cps
Gadolinium	160-2	20	7	10	12	56.76	cps
Holmium	165-1	12290187	11966085	12311752	12189341	1.59	cps
Holmium	165-2	2534543	2546745	2520393	2533894	0.52	cps
Indium	115-1	8581728	8502120	8728720	8604189	1.34	cps
Indium	115-2	334018	337375	336458	335950	0.52	cps
Iron	56-2	8515148	8416358	8463702	8465069	0.58	cps
Iron	57-2	218407	215750	215406	216521	0.76	cps
Krypton	83-1	233	207	327	256	24.66	cps
Lead	206-1	2538654	2544596	2537643	2540298	0.15	cps
Lead	207-1	2241890	2250652	2240211	2244251	0.25	cps
Lead	208-1	10159429	10300274	10224803	10228169	0.69	cps
Lithium	6-1	1714331	1717431	1766379	1732714	1.68	cps
Magnesium	24-2	1002864	993162	999510	998512	0.49	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09A	Instrumnet Name :	P8
Client Sample ID :	LF1-0034A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:15:49	DataFile Name :	050SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137667	136570	137158	137132	0.40	cps
Molybdenum	94-1	5157326	5217473	5209073	5194624	0.63	cps
Molybdenum	95-1	6287929	6318616	6240432	6282325	0.63	cps
Molybdenum	96-1	7020062	7005886	6970915	6998954	0.36	cps
Molybdenum	97-1	3997867	4036409	4013410	4015895	0.48	cps
Molybdenum	98-1	10086707	10268807	10240696	10198737	0.96	cps
Neodymium	150-1	193	173	120	162	23.37	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	177110	177174	178356	177547	0.40	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	234046	229431	229610	231029	1.13	cps
Rhodium	103-1	7854575	7705136	7969602	7843104	1.69	cps
Rhodium	103-2	2211375	2195270	2221251	2209299	0.59	cps
Scandium	45-1	4493236	4391303	4506807	4463782	1.41	cps
Scandium	45-2	33256	33944	33938	33713	1.17	cps
Selenium	77-2	187	233	207	209	11.21	cps
Selenium	78-2	665	648	641	651	1.89	cps
Selenium	82-1	39196	39610	39268	39358	0.56	cps
Silicon	28-1	15562265	15704366	15627921	15631518	0.45	cps
Silver	109-1	2578478	2591234	2532719	2567477	1.20	cps
Silver	107-1	2655410	2683825	2692513	2677249	0.72	cps
Sodium	23-2	2307137	2312931	2298686	2306251	0.31	cps
Strontium	86-1	904133	913826	916515	911491	0.71	cps
Strontium	88-1	7888217	7929408	7946602	7921409	0.38	cps
Sulfur	34-1	310645	306560	311290	309498	0.83	cps
Terbium	159-1	12312508	12091601	12596498	12333536	2.05	cps
Terbium	159-2	2412000	2452223	2398205	2420809	1.16	cps
Thallium	203-1	3105377	3143005	3147731	3132038	0.74	cps
Thallium	205-1	7296794	7383207	7342276	7340759	0.59	cps
Tin	118-1	2092248	2141626	2090964	2108280	1.37	cps
Titanium	47-1	1524595	1535537	1538748	1532960	0.48	cps
Uranium	238-1	10218358	10360766	10340910	10306678	0.75	cps
Vanadium	51-2	197356	197420	197414	197397	0.02	cps
Yttrium	89-1	8518306	8429344	8668644	8538765	1.42	cps
Yttrium	89-2	249826	247296	248384	248502	0.51	cps
Zinc	66-2	79869	78430	78997	79099	0.92	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-09A	Instrumnet Name :	P8
Client Sample ID :	LF1-0034A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:15:49	DataFile Name :	050SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4447747	4505185	4494988	4482640	0.68	cps
Zirconium	91-1	992552	1003497	992475	996175	0.64	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-12	Instrumnet Name :	P8
Client Sample ID :	LF1-0029	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:19:01	DataFile Name :	051SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	108	67	89	23.59	cps
Antimony	121-1	6619	6644	6710	6658	0.71	cps
Arsenic	75-2	11503	11525	11214	11414	1.52	cps
Barium	135-1	141188	139501	137582	139424	1.29	cps
Barium	137-1	245525	246483	244998	245669	0.31	cps
Beryllium	9-1	278	322	317	306	7.92	cps
Bismuth	209-1	8201432	8091105	8185517	8159351	0.73	cps
Bismuth	209-2	2066900	2065587	2059041	2063843	0.20	cps
Boron	10-1	5143	5168	5226	5179	0.83	cps
Boron	11-1	24580	24113	23587	24093	2.06	cps
Cadmium	111-1	1421	1193	1343	1319	8.80	cps
Cadmium	106-1	1767	1533	1750	1684	7.73	cps
Cadmium	108-1	4	38	4	15	125.94	cps
Calcium	43-1	1465394	1445295	1449564	1453418	0.73	cps
Calcium	44-1	23347447	23594175	23464264	23468628	0.53	cps
Chromium	52-2	840	837	883	853	3.05	cps
Cobalt	59-2	397	490	403	430	12.11	cps
Copper	63-2	3170	3044	3197	3137	2.61	cps
Dysprosium	156-1	225	192	275	231	18.19	cps
Dysprosium	156-2	70	40	33	48	40.88	cps
Erbium	164-1	425	258	258	314	30.66	cps
Erbium	164-2	50	63	63	59	13.07	cps
Gadolinium	160-1	192	225	292	236	21.56	cps
Gadolinium	160-2	87	70	53	70	23.81	cps
Holmium	165-1	12437666	12297586	12303723	12346325	0.64	cps
Holmium	165-2	2511928	2565589	2566842	2548120	1.23	cps
Indium	115-1	8794900	8652517	8763608	8737008	0.86	cps
Indium	115-2	338232	338521	341742	339499	0.57	cps
Iron	56-2	7873688	7860914	7793700	7842767	0.55	cps
Iron	57-2	202139	198457	197822	199473	1.17	cps
Krypton	83-1	217	250	243	237	7.45	cps
Lead	206-1	950	833	917	900	6.68	cps
Lead	207-1	811	778	656	748	10.95	cps
Lead	208-1	3784	3395	3473	3550	5.80	cps
Lithium	6-1	1719449	1739320	1764713	1741160	1.30	cps
Magnesium	24-2	567487	558602	561387	562492	0.81	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-12	Instrumnet Name :	P8
Client Sample ID :	LF1-0029	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:19:01	DataFile Name :	051SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59837	59174	58987	59333	0.75	cps
Molybdenum	94-1	5776	5193	5468	5479	5.33	cps
Molybdenum	95-1	3917	3876	3392	3728	7.83	cps
Molybdenum	96-1	4976	4368	4493	4612	6.97	cps
Molybdenum	97-1	2442	2434	1975	2284	11.70	cps
Molybdenum	98-1	6202	5843	5301	5782	7.84	cps
Neodymium	150-1	287	207	247	247	16.22	cps
Neodymium	150-2	40	30	17	29	40.51	cps
Nickel	60-2	900	817	910	876	5.85	cps
Phosphorus	31-2	33	8	25	22	57.29	cps
Potassium	39-2	74297	75344	75268	74969	0.78	cps
Rhodium	103-1	7978417	7928022	7901044	7935827	0.49	cps
Rhodium	103-2	2194299	2186869	2229497	2203555	1.03	cps
Scandium	45-1	4544702	4512799	4463536	4507012	0.91	cps
Scandium	45-2	32859	32835	33443	33046	1.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	77	33	44	51	44.86	cps
Silicon	28-1	26607789	26787702	26533727	26643073	0.49	cps
Silver	109-1	608	550	567	575	5.23	cps
Silver	107-1	650	667	550	622	10.14	cps
Sodium	23-2	3143916	3097878	3113467	3118421	0.75	cps
Strontium	86-1	1261737	1276977	1274144	1270953	0.64	cps
Strontium	88-1	10941438	10984243	11003848	10976509	0.29	cps
Sulfur	34-1	241206	242643	244012	242620	0.58	cps
Terbium	159-1	12627013	12462179	12452275	12513822	0.78	cps
Terbium	159-2	2374927	2404578	2417796	2399100	0.92	cps
Thallium	203-1	1517	1100	1333	1317	15.86	cps
Thallium	205-1	3942	3126	2767	3278	18.37	cps
Tin	118-1	25901	26945	26285	26377	2.00	cps
Titanium	47-1	1433	1550	1383	1456	5.88	cps
Uranium	238-1	8270	8412	8361	8348	0.86	cps
Vanadium	51-2	207	203	203	204	0.94	cps
Yttrium	89-1	8731975	8608381	8737261	8692539	0.84	cps
Yttrium	89-2	246636	245899	246903	246479	0.21	cps
Zinc	66-2	677	663	713	684	3.78	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-12	Instrumnet Name :	P8
Client Sample ID :	LF1-0029	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:19:01	DataFile Name :	051SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9904	9379	8820	9368	5.79	cps
Zirconium	91-1	2109	2134	1917	2053	5.77	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0037DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:22:19	DataFile Name :	052SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1859	2192	1834	1961	10.20	cps
Antimony	121-1	2192	2025	2109	2109	3.95	cps
Arsenic	75-2	59	50	69	59	15.63	cps
Barium	135-1	4818	5260	5085	5054	4.40	cps
Barium	137-1	8845	10276	8228	9116	11.52	cps
Beryllium	9-1	228	350	172	250	36.38	cps
Bismuth	209-1	9184530	9159752	9097407	9147229	0.49	cps
Bismuth	209-2	2417324	2370486	2317651	2368487	2.11	cps
Boron	10-1	1792	1559	1667	1672	6.98	cps
Boron	11-1	8136	8244	7961	8114	1.76	cps
Cadmium	111-1	1948	1736	1787	1823	6.07	cps
Cadmium	106-1	2109	1809	1850	1922	8.46	cps
Cadmium	108-1	58	38	42	46	24.05	cps
Calcium	43-1	206074	208152	205466	206564	0.68	cps
Calcium	44-1	3399161	3439057	3417831	3418683	0.58	cps
Chromium	52-2	2784	3004	2794	2860	4.34	cps
Cobalt	59-2	1377	1363	1437	1392	2.81	cps
Copper	63-2	4051	4127	4054	4077	1.06	cps
Dysprosium	156-1	1667	1700	1575	1647	3.93	cps
Dysprosium	156-2	313	310	240	288	14.39	cps
Erbium	164-1	1000	1233	1133	1122	10.43	cps
Erbium	164-2	233	210	193	212	9.47	cps
Gadolinium	160-1	1258	1542	1550	1450	11.45	cps
Gadolinium	160-2	357	323	320	333	6.08	cps
Holmium	165-1	13802487	13711473	13580233	13698065	0.82	cps
Holmium	165-2	2901121	2871773	2820607	2864500	1.42	cps
Indium	115-1	10057351	9936552	9851888	9948597	1.04	cps
Indium	115-2	398145	395492	386585	393407	1.54	cps
Iron	56-2	326496	330658	330324	329160	0.70	cps
Iron	57-2	8153	8342	8653	8382	3.01	cps
Krypton	83-1	267	213	257	246	11.54	cps
Lead	206-1	4256	4418	4162	4279	3.02	cps
Lead	207-1	3451	3417	3245	3371	3.27	cps
Lead	208-1	16349	16944	16016	16436	2.86	cps
Lithium	6-1	1844250	1842591	1820669	1835837	0.72	cps
Magnesium	24-2	71714	68825	70920	70486	2.12	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0037DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:22:19	DataFile Name :	052SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	82680	82143	82448	82424	0.33	cps
Molybdenum	94-1	1634	1792	1875	1767	6.95	cps
Molybdenum	95-1	1584	1859	1500	1647	11.38	cps
Molybdenum	96-1	1925	1842	1875	1881	2.23	cps
Molybdenum	97-1	1217	1017	1058	1097	9.62	cps
Molybdenum	98-1	2742	2400	2600	2581	6.65	cps
Neodymium	150-1	2300	2347	2354	2334	1.25	cps
Neodymium	150-2	313	280	283	292	6.28	cps
Nickel	60-2	1203	1170	1233	1202	2.64	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	5993	5776	6127	5965	2.96	cps
Rhodium	103-1	9228350	9120436	9090442	9146409	0.79	cps
Rhodium	103-2	2527740	2531674	2476876	2512097	1.22	cps
Scandium	45-1	5192213	5160588	5071029	5141277	1.22	cps
Scandium	45-2	38386	38095	36721	37734	2.36	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	-22	26	-27	-8	-382.35	cps
Silicon	28-1	6201414	6290481	6123800	6205232	1.34	cps
Silver	109-1	400	367	283	350	17.17	cps
Silver	107-1	308	292	358	319	10.86	cps
Sodium	23-2	72016	71898	70199	71371	1.42	cps
Strontium	86-1	124968	125253	125640	125287	0.27	cps
Strontium	88-1	1090531	1101584	1089832	1093982	0.60	cps
Sulfur	34-1	261722	260083	260391	260732	0.33	cps
Terbium	159-1	13949859	13836106	13682472	13822812	0.97	cps
Terbium	159-2	2772145	2698942	2656140	2709076	2.17	cps
Thallium	203-1	750	633	458	614	23.91	cps
Thallium	205-1	1884	1509	1575	1656	12.08	cps
Tin	118-1	3509	3334	3517	3453	3.00	cps
Titanium	47-1	17746	18055	17745	17849	1.00	cps
Uranium	238-1	14784	14167	14108	14353	2.61	cps
Vanadium	51-2	483	620	500	534	13.95	cps
Yttrium	89-1	9902873	9889678	9827734	9873428	0.41	cps
Yttrium	89-2	286686	287133	280290	284703	1.34	cps
Zinc	66-2	667	617	583	622	6.74	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF1-0037DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-17 17:22:19	DataFile Name :	052SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2617	2525	2492	2545	2.55	cps
Zirconium	91-1	633	633	458	575	17.57	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:39:44	DataFile Name :	053CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247880	246259	246731	246957	0.34	cps
Antimony	121-1	3389225	3354697	3377911	3373944	0.52	cps
Arsenic	75-2	35709	35789	35612	35703	0.25	cps
Barium	135-1	3672913	3711544	3686512	3690323	0.53	cps
Barium	137-1	6432306	6416223	6339996	6396175	0.77	cps
Beryllium	9-1	462469	460642	462457	461856	0.23	cps
Bismuth	209-1	7908639	7993281	7916894	7939605	0.59	cps
Bismuth	209-2	2246101	2250392	2231984	2242825	0.43	cps
Boron	10-1	51962	54027	53642	53210	2.06	cps
Boron	11-1	239223	248347	250294	245955	2.40	cps
Cadmium	111-1	695438	700027	698667	698044	0.34	cps
Cadmium	106-1	75268	76017	75587	75624	0.50	cps
Cadmium	108-1	49997	49533	50611	50047	1.08	cps
Calcium	43-1	3656741	3696360	3707156	3686752	0.72	cps
Calcium	44-1	60022893	60155666	60194793	60124451	0.15	cps
Chromium	52-2	332983	333567	337082	334544	0.66	cps
Cobalt	59-2	697309	695608	696791	696569	0.13	cps
Copper	63-2	1156979	1155659	1160301	1157647	0.21	cps
Dysprosium	156-1	67	58	83	69	18.33	cps
Dysprosium	156-2	20	10	0	10	100.00	cps
Erbium	164-1	75	33	25	44	60.28	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	83	142	58	94	45.27	cps
Gadolinium	160-2	17	17	27	20	28.86	cps
Holmium	165-1	12658265	12559108	12530088	12582487	0.53	cps
Holmium	165-2	2893670	2876444	2875806	2881973	0.35	cps
Indium	115-1	9118933	9282096	9166346	9189125	0.91	cps
Indium	115-2	412597	409616	410955	411056	0.36	cps
Iron	56-2	53935719	53798487	54171321	53968509	0.35	cps
Iron	57-2	1363866	1364340	1363483	1363896	0.03	cps
Krypton	83-1	240	263	257	253	4.74	cps
Lead	206-1	2431998	2440807	2446313	2439706	0.30	cps
Lead	207-1	2215116	2221098	2194956	2210390	0.62	cps
Lead	208-1	9919059	9994174	9938489	9950574	0.39	cps
Lithium	6-1	1877156	1877787	1896974	1883973	0.60	cps
Magnesium	24-2	6024280	5924523	5994143	5980982	0.86	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:39:44	DataFile Name :	053CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180759	179918	182019	180899	0.58	cps
Molybdenum	94-1	5846059	5803108	5795662	5814943	0.47	cps
Molybdenum	95-1	7105866	7132925	7174387	7137726	0.48	cps
Molybdenum	96-1	7945357	7936306	7944670	7942111	0.06	cps
Molybdenum	97-1	4563108	4562134	4554201	4559814	0.11	cps
Molybdenum	98-1	11531366	11509279	11544423	11528356	0.15	cps
Neodymium	150-1	93	213	227	178	41.31	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	204623	203155	204298	204025	0.38	cps
Phosphorus	31-2	2984	3017	3117	3039	2.28	cps
Potassium	39-2	1517134	1536149	1533847	1529043	0.68	cps
Rhodium	103-1	8263454	8351417	8426190	8347020	0.98	cps
Rhodium	103-2	2434019	2452755	2455724	2447499	0.48	cps
Scandium	45-1	5290557	5325798	5297425	5304593	0.35	cps
Scandium	45-2	44206	43611	44126	43981	0.73	cps
Selenium	77-2	183	207	213	201	7.83	cps
Selenium	78-2	804	783	859	815	4.82	cps
Selenium	82-1	41555	42042	41387	41662	0.82	cps
Silicon	28-1	1737765	1779733	1790493	1769331	1.57	cps
Silver	109-1	3344982	3344144	3365071	3351399	0.35	cps
Silver	107-1	3519182	3546495	3523181	3529619	0.42	cps
Sodium	23-2	13498750	13385053	13485427	13456410	0.46	cps
Strontium	86-1	897078	896062	895130	896090	0.11	cps
Strontium	88-1	7713442	7754694	7693245	7720460	0.41	cps
Sulfur	34-1	504022	507834	507391	506416	0.41	cps
Terbium	159-1	12859609	12903913	12784276	12849266	0.47	cps
Terbium	159-2	2754119	2739590	2741025	2744912	0.29	cps
Thallium	203-1	3035197	2966975	2951661	2984611	1.49	cps
Thallium	205-1	7064356	6993590	7023869	7027272	0.51	cps
Tin	118-1	2381657	2372595	2399890	2384714	0.58	cps
Titanium	47-1	1858550	1897524	1861801	1872625	1.15	cps
Uranium	238-1	9892879	10003688	9902081	9932883	0.62	cps
Vanadium	51-2	241668	240177	239850	240565	0.40	cps
Yttrium	89-1	9490157	9472608	9543524	9502096	0.39	cps
Yttrium	89-2	310736	310706	310272	310571	0.08	cps
Zinc	66-2	98013	98916	99638	98856	0.82	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:39:44	DataFile Name :	053CCV_P8071718MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4821010	4845038	4828731	4831593	0.25	cps
Zirconium	91-1	1073287	1076883	1070318	1073496	0.31	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:49:56	DataFile Name :	054CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	0	11	114.58	cps
Antimony	121-1	1292	1517	1417	1408	8.01	cps
Arsenic	75-2	4	0	2	2	100.00	cps
Barium	135-1	50	83	17	50	66.67	cps
Barium	137-1	33	25	42	33	25.01	cps
Beryllium	9-1	122	117	128	122	4.54	cps
Bismuth	209-1	9181202	9222765	8604098	9002688	3.84	cps
Bismuth	209-2	2627611	2598616	2612860	2613029	0.55	cps
Boron	10-1	950	750	725	808	15.26	cps
Boron	11-1	3392	3384	3567	3448	3.00	cps
Cadmium	111-1	1439	1323	1458	1406	5.19	cps
Cadmium	106-1	2034	1859	2025	1972	5.01	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	525	467	550	514	8.32	cps
Calcium	44-1	13816	14358	13807	13994	2.26	cps
Chromium	52-2	427	463	483	458	6.28	cps
Cobalt	59-2	20	47	43	37	39.63	cps
Copper	63-2	493	537	477	502	6.17	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	67	36	81.06	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	150	67	92	103	41.61	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	13836857	13939212	12992468	13589512	3.82	cps
Holmium	165-2	3172773	3157689	3150648	3160370	0.36	cps
Indium	115-1	10469413	10608974	9922963	10333783	3.51	cps
Indium	115-2	477523	466489	470755	471589	1.18	cps
Iron	56-2	1450	1583	1456	1496	5.04	cps
Iron	57-2	33	33	28	31	10.18	cps
Krypton	83-1	257	240	287	261	9.06	cps
Lead	206-1	306	394	289	330	17.22	cps
Lead	207-1	322	389	272	328	17.86	cps
Lead	208-1	1417	1650	1272	1446	13.18	cps
Lithium	6-1	2091391	2133875	1995135	2073467	3.43	cps
Magnesium	24-2	183	183	217	194	9.90	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:49:56	DataFile Name :	054CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	43	27	32	29.85	cps
Molybdenum	94-1	667	683	708	686	3.06	cps
Molybdenum	95-1	658	542	717	639	13.95	cps
Molybdenum	96-1	842	750	900	831	9.10	cps
Molybdenum	97-1	467	342	392	400	15.73	cps
Molybdenum	98-1	1158	1042	1158	1120	6.02	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	100	93	88	17.95	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2075	2125	2084	2095	1.28	cps
Rhodium	103-1	9743034	9992749	9317265	9684349	3.53	cps
Rhodium	103-2	2910570	2872166	2818170	2866969	1.62	cps
Scandium	45-1	5896514	5994702	5535120	5808779	4.17	cps
Scandium	45-2	49467	47390	47517	48124	2.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-9	69	-29	10	489.37	cps
Silicon	28-1	207691	208378	207363	207811	0.25	cps
Silver	109-1	175	267	233	225	20.62	cps
Silver	107-1	267	275	225	256	10.48	cps
Sodium	23-2	4651	4901	4868	4807	2.83	cps
Strontium	86-1	333	492	400	408	19.47	cps
Strontium	88-1	408	225	242	292	34.76	cps
Sulfur	34-1	301433	298642	296874	298983	0.77	cps
Terbium	159-1	14050113	14139603	13345223	13844979	3.14	cps
Terbium	159-2	3018853	2965985	3004156	2996331	0.91	cps
Thallium	203-1	400	350	400	383	7.53	cps
Thallium	205-1	1000	908	942	950	4.88	cps
Tin	118-1	825	883	708	806	11.06	cps
Titanium	47-1	92	108	100	100	8.33	cps
Uranium	238-1	75	58	42	58	28.57	cps
Vanadium	51-2	13	17	13	14	13.35	cps
Yttrium	89-1	10645044	10770674	10024006	10479908	3.81	cps
Yttrium	89-2	347283	342591	343357	344410	0.73	cps
Zinc	66-2	157	107	137	133	18.87	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 17:49:56	DataFile Name :	054CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1150	1150	1025	1108	6.51	cps
Zirconium	91-1	167	208	233	203	16.61	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0030DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 17:57:41	DataFile Name :	056SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	217	156	34.44	cps
Antimony	121-1	1283	1117	1300	1233	8.22	cps
Arsenic	75-2	1902	1902	1915	1906	0.39	cps
Barium	135-1	8562	8153	8270	8328	2.53	cps
Barium	137-1	14617	14717	14542	14625	0.60	cps
Beryllium	9-1	139	106	111	119	15.07	cps
Bismuth	209-1	9127637	9046467	9093684	9089263	0.45	cps
Bismuth	209-2	2437526	2569802	2575225	2527517	3.09	cps
Boron	10-1	933	1017	958	970	4.41	cps
Boron	11-1	4251	4534	4026	4270	5.97	cps
Cadmium	111-1	1534	1521	1488	1514	1.58	cps
Cadmium	106-1	2117	2034	2059	2070	2.07	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	57485	58004	57811	57767	0.45	cps
Calcium	44-1	966802	969028	947872	961234	1.21	cps
Chromium	52-2	750	680	673	701	6.06	cps
Cobalt	59-2	667	673	643	661	2.38	cps
Copper	63-2	807	973	897	892	9.35	cps
Dysprosium	156-1	208	192	258	219	15.81	cps
Dysprosium	156-2	43	47	23	38	33.41	cps
Erbium	164-1	250	242	225	239	5.33	cps
Erbium	164-2	60	40	40	47	24.74	cps
Gadolinium	160-1	217	217	250	228	8.45	cps
Gadolinium	160-2	40	47	53	47	14.28	cps
Holmium	165-1	13830202	13586213	13583183	13666533	1.04	cps
Holmium	165-2	2911308	3106580	3094527	3037472	3.60	cps
Indium	115-1	10374923	10232933	10268622	10292160	0.72	cps
Indium	115-2	423432	450030	448348	440603	3.38	cps
Iron	56-2	9798117	9628072	9735005	9720398	0.88	cps
Iron	57-2	246271	244769	243975	245005	0.48	cps
Krypton	83-1	233	303	280	272	13.09	cps
Lead	206-1	1117	1178	1017	1104	7.37	cps
Lead	207-1	872	1095	945	970	11.68	cps
Lead	208-1	4423	4539	4612	4525	2.11	cps
Lithium	6-1	2029853	2023422	2010254	2021177	0.49	cps
Magnesium	24-2	32280	32747	31845	32291	1.40	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0030DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 17:57:41	DataFile Name :	056SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	69860	67938	67794	68530	1.68	cps
Molybdenum	94-1	1417	1200	1425	1347	9.47	cps
Molybdenum	95-1	442	483	525	483	8.62	cps
Molybdenum	96-1	842	1000	942	928	8.63	cps
Molybdenum	97-1	325	342	358	342	4.88	cps
Molybdenum	98-1	825	783	808	806	2.60	cps
Neodymium	150-1	253	407	320	327	23.54	cps
Neodymium	150-2	70	47	43	53	27.24	cps
Nickel	60-2	210	180	197	196	7.69	cps
Phosphorus	31-2	8	0	33	14	124.91	cps
Potassium	39-2	11122	10646	10071	10613	4.96	cps
Rhodium	103-1	9717136	9585647	9597124	9633302	0.76	cps
Rhodium	103-2	2650677	2825083	2783332	2753031	3.31	cps
Scandium	45-1	5811611	5683784	5704466	5733287	1.20	cps
Scandium	45-2	42468	46082	45316	44622	4.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	40	-23	-22	-2	-1929.28	cps
Silicon	28-1	2738900	2736071	2688815	2721262	1.03	cps
Silver	109-1	467	608	642	572	16.24	cps
Silver	107-1	625	600	750	658	12.21	cps
Sodium	23-2	46444	46452	47388	46762	1.16	cps
Strontium	86-1	56451	57589	55957	56666	1.48	cps
Strontium	88-1	490379	488360	486941	488560	0.35	cps
Sulfur	34-1	293566	292952	291618	292712	0.34	cps
Terbium	159-1	14157155	13861608	13780034	13932932	1.42	cps
Terbium	159-2	2754664	2920224	2922399	2865762	3.36	cps
Thallium	203-1	617	483	508	536	13.22	cps
Thallium	205-1	1267	1275	1175	1239	4.48	cps
Tin	118-1	1042	1017	1042	1033	1.40	cps
Titanium	47-1	692	500	592	594	16.13	cps
Uranium	238-1	308	267	367	314	16.00	cps
Vanadium	51-2	177	183	167	176	4.78	cps
Yttrium	89-1	10522210	10215579	10367457	10368415	1.48	cps
Yttrium	89-2	312433	328673	326654	322587	2.74	cps
Zinc	66-2	230	220	250	233	6.55	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-06DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0030DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 17:57:41	DataFile Name :	056SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2759	2675	2750	2728	1.68	cps
Zirconium	91-1	717	683	575	658	11.25	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0031DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 18:01:00	DataFile Name :	057SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	133	75	111	28.40	cps
Antimony	121-1	733	783	850	789	7.42	cps
Arsenic	75-2	1793	1809	1780	1794	0.83	cps
Barium	135-1	7994	8045	7594	7878	3.13	cps
Barium	137-1	13366	13115	13749	13410	2.38	cps
Beryllium	9-1	117	100	78	98	19.88	cps
Bismuth	209-1	9204107	9102727	9098003	9134946	0.66	cps
Bismuth	209-2	2525691	2535097	2532487	2531092	0.19	cps
Boron	10-1	858	958	858	892	6.48	cps
Boron	11-1	4251	3834	3826	3970	6.12	cps
Cadmium	111-1	1350	1441	1499	1430	5.26	cps
Cadmium	106-1	1850	1992	2067	1970	5.59	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	54440	54373	55770	54861	1.44	cps
Calcium	44-1	913058	908809	907780	909882	0.31	cps
Chromium	52-2	697	657	643	666	4.17	cps
Cobalt	59-2	597	663	723	661	9.58	cps
Copper	63-2	980	923	883	929	5.23	cps
Dysprosium	156-1	250	142	208	200	27.32	cps
Dysprosium	156-2	40	57	37	44	24.11	cps
Erbium	164-1	242	200	233	225	9.80	cps
Erbium	164-2	53	33	37	41	26.06	cps
Gadolinium	160-1	258	242	275	258	6.45	cps
Gadolinium	160-2	50	37	60	49	23.94	cps
Holmium	165-1	13806756	13496257	13548026	13617013	1.22	cps
Holmium	165-2	3060997	3048385	3016189	3041857	0.76	cps
Indium	115-1	10411622	10223202	10204521	10279782	1.11	cps
Indium	115-2	444013	440397	439023	441144	0.58	cps
Iron	56-2	9341572	9170778	9187984	9233445	1.02	cps
Iron	57-2	235218	233485	230198	232967	1.09	cps
Krypton	83-1	280	267	293	280	4.76	cps
Lead	206-1	444	378	478	433	11.75	cps
Lead	207-1	422	367	444	411	9.75	cps
Lead	208-1	1622	1661	1767	1683	4.44	cps
Lithium	6-1	2035548	1983892	1992693	2004044	1.38	cps
Magnesium	24-2	30525	30475	29498	30166	1.92	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0031DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 18:01:00	DataFile Name :	057SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65610	65201	65392	65401	0.31	cps
Molybdenum	94-1	1017	1217	967	1067	12.40	cps
Molybdenum	95-1	467	425	308	400	20.52	cps
Molybdenum	96-1	683	658	750	697	6.80	cps
Molybdenum	97-1	325	375	367	356	7.53	cps
Molybdenum	98-1	775	733	508	672	21.34	cps
Neodymium	150-1	287	267	347	300	13.88	cps
Neodymium	150-2	23	60	17	33	70.00	cps
Nickel	60-2	147	173	183	168	11.30	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	10404	10121	10354	10293	1.47	cps
Rhodium	103-1	9711445	9632725	9562155	9635442	0.78	cps
Rhodium	103-2	2774132	2770567	2770686	2771795	0.07	cps
Scandium	45-1	5713883	5662348	5627896	5668043	0.76	cps
Scandium	45-2	45350	44761	45253	45121	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-17	25	-56	-16	-249.75	cps
Silicon	28-1	2623026	2580239	2584387	2595884	0.91	cps
Silver	109-1	408	467	558	478	15.83	cps
Silver	107-1	517	475	592	528	11.20	cps
Sodium	23-2	44086	45515	44086	44562	1.85	cps
Strontium	86-1	54217	53012	52511	53247	1.65	cps
Strontium	88-1	463588	464391	460842	462940	0.40	cps
Sulfur	34-1	290766	290657	291046	290823	0.07	cps
Terbium	159-1	14012508	14031009	14001834	14015117	0.11	cps
Terbium	159-2	2926625	2888129	2856851	2890535	1.21	cps
Thallium	203-1	325	267	250	281	14.04	cps
Thallium	205-1	725	608	692	675	8.90	cps
Tin	118-1	867	883	892	881	1.45	cps
Titanium	47-1	700	558	525	594	15.63	cps
Uranium	238-1	408	275	292	325	22.35	cps
Vanadium	51-2	147	190	213	183	18.45	cps
Yttrium	89-1	10471183	10419477	10314627	10401762	0.77	cps
Yttrium	89-2	325865	319472	324321	323219	1.03	cps
Zinc	66-2	277	327	243	282	14.86	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	J3965-07DLX10	Instrumnet Name :	P8
Client Sample ID :	LF1-0031DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-17 18:01:00	DataFile Name :	057SMPL_P8071718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2575	2300	2184	2353	8.55	cps
Zirconium	91-1	642	517	525	561	12.46	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:06:44	DataFile Name :	058CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	254950	257912	257259	256707	0.61	cps
Antimony	121-1	3448526	3433517	3428033	3436692	0.31	cps
Arsenic	75-2	36866	37421	37295	37194	0.78	cps
Barium	135-1	3761825	3761052	3730990	3751289	0.47	cps
Barium	137-1	6529598	6522529	6525577	6525901	0.05	cps
Beryllium	9-1	480306	480144	479598	480016	0.08	cps
Bismuth	209-1	8044102	8007298	8044483	8031961	0.27	cps
Bismuth	209-2	2306560	2061333	2272784	2213559	6.00	cps
Boron	10-1	53317	55148	55952	54805	2.46	cps
Boron	11-1	252400	257139	264030	257856	2.27	cps
Cadmium	111-1	714094	712338	707420	711284	0.49	cps
Cadmium	106-1	76777	78219	77356	77450	0.94	cps
Cadmium	108-1	51682	52778	51268	51909	1.50	cps
Calcium	43-1	3848153	3832822	3814473	3831816	0.44	cps
Calcium	44-1	62749406	62701416	62198741	62549854	0.49	cps
Chromium	52-2	346199	349175	347291	347555	0.43	cps
Cobalt	59-2	720819	728032	726443	725098	0.52	cps
Copper	63-2	1199524	1206121	1201795	1202480	0.28	cps
Dysprosium	156-1	25	100	108	78	59.01	cps
Dysprosium	156-2	10	23	10	14	53.28	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	133	125	108	122	10.41	cps
Gadolinium	160-2	27	17	10	18	47.19	cps
Holmium	165-1	12938673	12643681	12710236	12764197	1.21	cps
Holmium	165-2	2968532	2656675	2940187	2855131	6.04	cps
Indium	115-1	9362703	9338465	9372697	9357955	0.19	cps
Indium	115-2	423951	379036	419854	407614	6.09	cps
Iron	56-2	55804590	56033504	56179100	56005731	0.34	cps
Iron	57-2	1409954	1426931	1428000	1421628	0.71	cps
Krypton	83-1	263	240	257	253	4.74	cps
Lead	206-1	2468047	2454529	2445832	2456136	0.46	cps
Lead	207-1	2260710	2247324	2254224	2254086	0.30	cps
Lead	208-1	10078931	10062382	10064437	10068583	0.09	cps
Lithium	6-1	1931367	1938436	1933962	1934588	0.18	cps
Magnesium	24-2	6199086	6252978	6204263	6218776	0.48	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:06:44	DataFile Name :	058CCV_P8071718MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188993	189685	191590	190089	0.71	cps
Molybdenum	94-1	5997688	5937739	5895841	5943756	0.86	cps
Molybdenum	95-1	7331016	7365787	7322121	7339641	0.31	cps
Molybdenum	96-1	8194118	8111170	8132147	8145812	0.53	cps
Molybdenum	97-1	4647608	4683299	4655623	4662176	0.40	cps
Molybdenum	98-1	11802906	11940760	11802213	11848626	0.67	cps
Neodymium	150-1	153	153	193	167	13.86	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	211341	212320	211828	211830	0.23	cps
Phosphorus	31-2	3017	3184	3309	3170	4.62	cps
Potassium	39-2	1583278	1602664	1602092	1596011	0.69	cps
Rhodium	103-1	8544597	8558332	8495914	8532948	0.38	cps
Rhodium	103-2	2552317	2243769	2490291	2428792	6.72	cps
Scandium	45-1	5435389	5449948	5512834	5466057	0.75	cps
Scandium	45-2	45303	40369	44788	43487	6.24	cps
Selenium	77-2	287	220	260	256	13.13	cps
Selenium	78-2	841	859	872	857	1.85	cps
Selenium	82-1	42980	43661	43821	43487	1.03	cps
Silicon	28-1	1830339	1830786	1845917	1835681	0.48	cps
Silver	109-1	3465394	3447082	3433265	3448580	0.47	cps
Silver	107-1	3598914	3638279	3573362	3603518	0.91	cps
Sodium	23-2	13984480	14064125	13990081	14012895	0.32	cps
Strontium	86-1	919129	912661	915818	915869	0.35	cps
Strontium	88-1	7953150	7872668	7949401	7925073	0.57	cps
Sulfur	34-1	527524	527837	525655	527005	0.22	cps
Terbium	159-1	13131082	12910131	13130692	13057302	0.98	cps
Terbium	159-2	2820485	2491750	2778748	2696995	6.64	cps
Thallium	203-1	3034118	3020727	3025054	3026633	0.23	cps
Thallium	205-1	7054929	7027520	7025000	7035816	0.24	cps
Tin	118-1	2441922	2453034	2438284	2444413	0.31	cps
Titanium	47-1	1960019	1934833	1947609	1947487	0.65	cps
Uranium	238-1	10034360	10087704	10035756	10052607	0.30	cps
Vanadium	51-2	249244	252305	251412	250987	0.63	cps
Yttrium	89-1	9751016	9669812	9735239	9718689	0.44	cps
Yttrium	89-2	322109	287143	318464	309238	6.22	cps
Zinc	66-2	102257	104335	102941	103178	1.03	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:06:44	DataFile Name :	058CCV_P8071718MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4996919	4972114	4933292	4967442	0.65	cps
Zirconium	91-1	1110738	1107495	1101473	1106569	0.42	cps

LB Number : LB96709 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P8
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-17 18:13:09 DataFile Name : 059CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	17	22	43.28	cps
Antimony	121-1	2734	2509	2475	2573	5.46	cps
Arsenic	75-2	9	6	9	8	26.61	cps
Barium	135-1	100	83	83	89	10.83	cps
Barium	137-1	125	50	108	94	41.70	cps
Beryllium	9-1	172	172	144	163	9.84	cps
Bismuth	209-1	8858071	8873067	9053934	8928358	1.22	cps
Bismuth	209-2	2611174	2613521	2661956	2628884	1.09	cps
Boron	10-1	1025	867	967	953	8.40	cps
Boron	11-1	4543	4109	4476	4376	5.33	cps
Cadmium	111-1	1433	1346	1645	1474	10.43	cps
Cadmium	106-1	1992	1867	2267	2042	10.02	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	608	392	483	494	22.00	cps
Calcium	44-1	14291	14783	13632	14236	4.06	cps
Chromium	52-2	537	433	437	469	12.52	cps
Cobalt	59-2	47	27	50	41	30.69	cps
Copper	63-2	500	503	463	489	4.54	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	13256187	13383767	13763658	13467871	1.96	cps
Holmium	165-2	3173457	3146307	3192619	3170794	0.73	cps
Indium	115-1	10189354	10294123	10550436	10344638	1.80	cps
Indium	115-2	473096	469250	477072	473140	0.83	cps
Iron	56-2	2134	2028	1978	2047	3.88	cps
Iron	57-2	39	67	56	54	26.03	cps
Krypton	83-1	220	307	273	267	16.39	cps
Lead	206-1	467	461	500	476	4.42	cps
Lead	207-1	361	439	378	393	10.43	cps
Lead	208-1	1828	2128	1928	1961	7.79	cps
Lithium	6-1	2079425	2059912	2110420	2083252	1.22	cps
Magnesium	24-2	283	208	258	250	15.27	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:13:09	DataFile Name :	059CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	33	33	33	0.00	cps
Molybdenum	94-1	1042	1267	1100	1136	10.28	cps
Molybdenum	95-1	1275	1158	925	1120	15.92	cps
Molybdenum	96-1	1750	1233	1567	1517	17.27	cps
Molybdenum	97-1	892	708	642	747	17.32	cps
Molybdenum	98-1	2250	1850	1800	1967	12.54	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	100	83	92	9.10	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2167	2259	2225	2217	2.09	cps
Rhodium	103-1	9590834	9585561	9844465	9673620	1.53	cps
Rhodium	103-2	2880120	2863888	2929078	2891028	1.17	cps
Scandium	45-1	5785987	5764898	5928451	5826445	1.53	cps
Scandium	45-2	48159	48731	48828	48573	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	13	-21	-40	-16	-168.67	cps
Silicon	28-1	209242	210907	208870	209673	0.52	cps
Silver	109-1	3441	258	158	1286	145.19	cps
Silver	107-1	275	300	225	267	14.32	cps
Sodium	23-2	5293	5401	5326	5340	1.04	cps
Strontium	86-1	508	442	417	456	10.40	cps
Strontium	88-1	350	342	358	350	2.38	cps
Sulfur	34-1	295996	301460	299590	299016	0.93	cps
Terbium	159-1	13683030	13688590	13990199	13787273	1.27	cps
Terbium	159-2	3030445	3016163	3073493	3040033	0.98	cps
Thallium	203-1	508	433	400	447	12.41	cps
Thallium	205-1	1217	1067	1100	1128	6.98	cps
Tin	118-1	1083	1267	1250	1200	8.45	cps
Titanium	47-1	100	100	183	128	37.65	cps
Uranium	238-1	158	133	183	158	15.79	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	10362920	10449765	10526483	10446389	0.78	cps
Yttrium	89-2	347706	343966	349505	347059	0.81	cps
Zinc	66-2	133	127	200	153	26.44	cps

LB Number :	LB96709	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-17 18:13:09	DataFile Name :	059CCBE_P8071718MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1233	1125	1450	1270	13.04	cps
Zirconium	91-1	292	250	242	261	10.26	cps